

Converting Colors

HunterLab(67.5507, -5.6411,
-41.5127)

Have a look what the booklet for
HunterLab(67.5507, -5.6411,
-41.5127) contains.

HunterLab(67.5507, -5.6411, -41.5127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.5507, -5.6411,
-41.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	74B9FF
RGB	116, 185, 255
RGB Percent	45%, 73%, 100%
CMY	0.5451, 0.2745, 0.0000
CMYK	0.55, 0.27, 0.00, 0.00
HSL	210°, 100%, 73%
HSV	210°, 55%, 100%
XYZ	42.6015, 45.6310, 101.1702
YIQ	172.3490, -63.5940, 7.1420

Conversions

Conversions Part 2

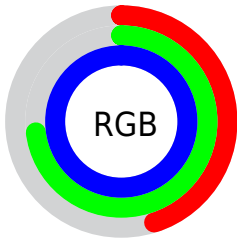
Format	Color
RYB	116, 162, 255
Decimal	7649791
CIELab	73.31, -2.29, -41.18
CIELCh	73, 41.249, 266.817
Yxy	45.6325, 0.2249, 0.2409
Android (android.graphics.Color)	4285839871 (0xFF74B9FF)
YUV	172.3490, 40.7469, -49.4181
Hunter-Lab	67.5507, -5.6411, -41.5127

Details

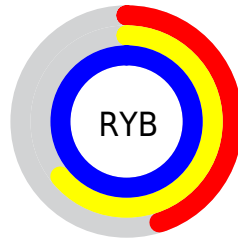
The HunterLab color **67.5507, -5.6411, -41.5127** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.9214, 12.7951, 34.1014**, and the grayscale version is **64.2310, -3.4272, 3.4898**.

A 20% lighter version of the original color is **89.0846, -20.8282, -8.4370**, and **46.1341, -4.0885, -40.3054** is the 20% darker color. If you saturate the color by 10%, you get **62.4384, -3.2076, -51.4192**, and if you desaturate by 10%, it is **72.9688, -7.1454, -32.0346**.

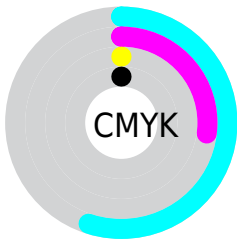
Distribution



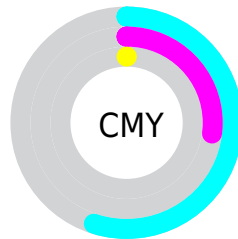
- Red (45%)
- Green (73%)
- Blue (100%)



- Red (45%)
- Yellow (64%)
- Blue (100%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5507, -5.6411, -41.5127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 67.5507, -5.6411, -41.5127 by changing the saturation by 10% instead.

■ 67.5507, -5.6411,
-41.5127

■ 67.5507, -5.6411,
-41.5127

192.1794,
-13.1542, -46.0219

■ 56.5296, -4.9339,
-40.8284

■ 91.4706, -7.1374,
-42.8113

■ 46.1821, -4.2547,
-40.1585

■ 104.3059, -7.9247,
-43.4066

■ 36.5566, -3.6045,
-39.5542

■ 117.6910, -8.7371,
-43.9581

■ 27.7120, -2.9836,
-39.1237

131.6042, -9.5740,
-44.4636

■ 19.7246, -2.3922,
-39.1080

146.0262,
-10.4347, -44.9224

■ 12.6987, -1.8288,
-40.1329

160.9397,

■ 6.0502, -1.9725,

-11.3187, -45.3346

-50.8535

176.3288,
-12.2253, -45.7008

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 67.5507, -5.6411,
-41.5127

■ 67.5507, -5.6411,
-41.5127

■ 62.4384, -3.2076,
-51.4192

■ 72.9688, -7.1454,
-32.0346

■ 57.6630, 0.2639,
-61.7409

■ 78.6569, -7.8333,
-22.9825

■ 53.2602, 4.8540,
-72.4150

■ 84.5877, -7.8122,
-14.3275

■ 49.2575, 10.5770,
-83.3396

■ 90.7363, -7.1781,
-6.0341

■ 47.2132, 14.1083,

■ 97.0811, -6.0142,

-89.4681

1.9362

100.0000, -5.3358,
5.4332

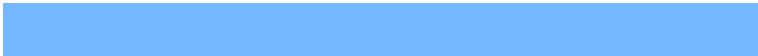
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5519, -22.6128, -32.7230



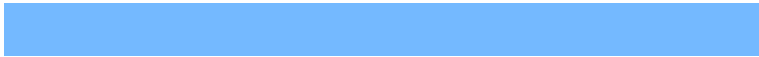
67.5507, -5.6411, -41.5127



67.5519, 13.8299, -35.6746

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5519, -5.6413, -41.5105



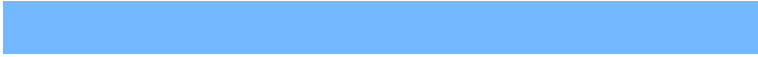
67.5519, 32.5166, 17.6546



67.5519, -31.7600, 20.1838

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.5507, -5.6411, -41.5127



75.9214, 12.7951, 34.1014

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.5519, -19.4389, 28.0730



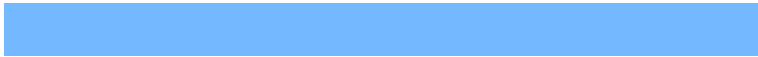
67.5507, -5.6411, -41.5127



67.5519, 17.7619, 26.9243

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5519, -5.6413, -41.5105



67.5519, 37.2537, 1.7022



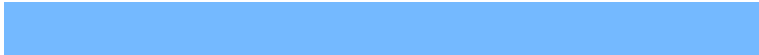
67.5519, -1.5504, 30.1449



67.5519, -36.5983, 5.5940

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5507, -5.6411, -41.5127



67.5519, 25.4104, -24.9721



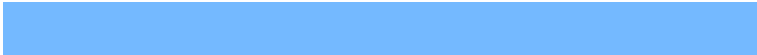
67.5519, -1.5504, 30.1449



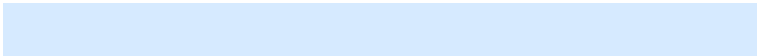
67.5519, -28.4283, 23.5327

Sweetspot

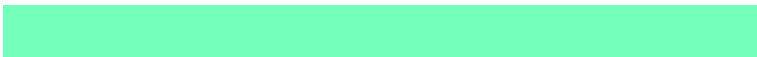
The Sweet Spot groups the original color and five complimentary colors.



67.5519, -5.6413, -41.5105



89.8055, -7.3083, -7.2507



88.7454, -51.1687, 22.9376



40.9576, -3.4550, -4.1363

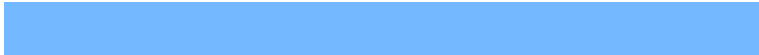
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5519, -5.6413, -41.5105



62.1948, -3.0616, -51.9185



48.4002, 31.4699, -85.5191



43.4365, -3.0800, -0.9294



34.5623, 9.3307, -63.3422



11.7531, 1.0792, -17.0201

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.0371, 57.6664, -5.9664



56.0419, 68.2994, -5.3124



96.9748, -22.1699, 49.2640



42.5881, 2.5296, 1.0682



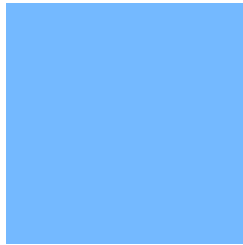
34.5454, 61.5484, 3.8090



10.8811, 19.5750, -0.2613

Previews

White Background



This preview shows how the HunterLab color 67.5507, -5.6411, -41.5127 looks on a white background.

Color Contrast Check

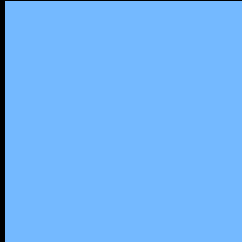
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 67.5507, -5.6411, -41.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

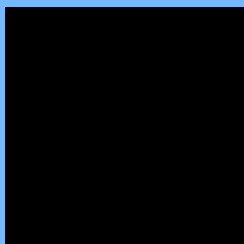
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

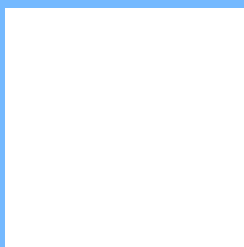
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 67.5507, -5.6411, -41.5127 Background



This preview shows how black text looks on a background with the HunterLab color 67.5507, -5.6411, -41.5127.



This preview shows how white text looks on a background with the HunterLab color 67.5507, -5.6411, -41.5127.

-41.5127.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.5507, -5.6411, -41.5127

Protanopia

67.4468, 5.7357, -36.4061

Deuteranopia

67.4869, 5.0156, -41.4438



Tritanopia

67.7050, -23.7144, -11.5199

Trichromacy



Original Color

67.5507, -5.6411, -41.5127

Protanomaly

67.4145, 1.3384, -38.7037

Deuteranomaly

67.5803, 0.7385, -41.3462

Tritanomaly

67.6431, -17.6136, -21.6934

Monochromacy



Original Color

67.5507, -5.6411, -41.5127

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.1030, -6.0901, -10.8784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.5507, -5.6411, -41.5127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 185, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 185, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 67.5507, -5.6411, -41.5127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 185, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 185, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 185, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 185, 255); box-shadow:4px 4px 4px 4px rgb(116, 185, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.5507, -5.6411, -41.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 185, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
185, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor