

Converting Colors

HunterLab(64.4458, -10.2209,
-47.5066)

Have a look what the booklet for
HunterLab(64.4458, -10.2209,
-47.5066) contains.

HunterLab(64.4461, -10.2217, -47.5061)	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(64.4461,
-10.2217, -47.5061)**

Conversions

Conversions Part 1

Format	Color
Hex	45B5FF
RGB	69, 181, 255
RGB Percent	27%, 71%, 100%
CMY	0.7294, 0.2902, 0.0000
CMYK	0.73, 0.29, 0.00, 0.00
HSL	204°, 100%, 64%
HSV	204°, 73%, 100%
XYZ	37.0282, 41.5330, 100.6728
YIQ	155.9480, -90.5060, -0.7300

Conversions

Conversions Part 2

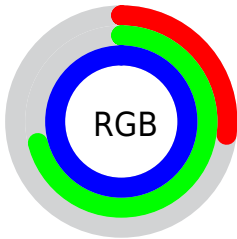
Format	Color
R _Y B	69, 139, 255
Decimal	4568575
CIE Lab	70.55, -7.87, -45.62
CIE LCh	71, 46.294, 260.206
Yxy	41.5343, 0.2066, 0.2317
Android (android.graphics.Color)	4282758655 (0xFF45B5FF)
YUV	155.9480, 48.8326, -76.2534
Hunter-Lab	64.4461, -10.2217, -47.5061

Details

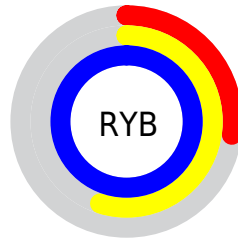
The HunterLab color **64.4461, -10.2217, -47.5061** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **64.2948, 32.2358, 34.9885**, and the grayscale version is **57.4736, -3.0666, 3.1227**.

A 20% lighter version of the original color is **85.6022, -26.8137, -13.2492**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.6765, -7.3274, -55.1855**, and if you desaturate by 10%, it is **68.5223, -12.1142, -39.8499**.

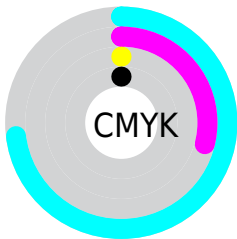
Distribution



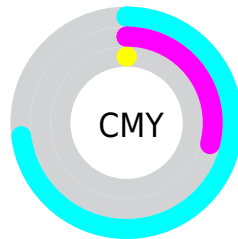
- Red (27%)
- Green (71%)
- Blue (100%)



- Red (27%)
- Yellow (55%)
- Blue (100%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4461, -10.2217, -47.5061 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 64.4461, -10.2217, -47.5061 by changing the saturation by 10% instead.

■ 64.4461, -10.2217,
-47.5061

■ 64.4461, -10.2217,
-47.5061

187.7629,
-19.8163, -52.8540

■ 53.6068, -9.2211,
-46.8010

■ 88.0309, -12.2537,
-48.9300

■ 43.4532, -8.2275,
-46.1610

■ 100.7103,
-13.2891, -49.6114

■ 34.0366, -7.2361,
-45.6736

■ 113.9461,
-14.3386, -50.2577

■ 25.4199, -6.2391,
-45.5207

■ 127.7157,
-15.4030, -50.8641

■ 17.6856, -5.2231,
-46.1170

141.9992,
-16.4828, -51.4278

■ 10.9491, -4.1620,
-48.5974

156.7787,

■ 2.4646, -4.3130,

-17.5781, -51.9476

-131.7717

172.0382,
-18.6892, -52.4229

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.4461, -10.2217,
-47.5061

■ 64.4461, -10.2217,
-47.5061

■ 60.6765, -7.3274,
-55.1855

■ 68.5223, -12.1142,
-39.8499

■ 57.2168, -3.4365,
-62.8393

■ 72.8864, -13.0530,
-32.2757

■ 54.9372, -0.1907,
-68.2550

■ 77.5200, -13.1110,
-24.8214

■ 82.4024, -12.3724,
-17.5126

■ 87.5135, -10.9225,

-10.3621

■ 92.8343, -8.8423,
-3.3734

■ 98.3473, -6.2057,
3.4569

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.



64.4471, -27.4806, -33.8997



64.4461, -10.2217, -47.5061



64.4471, 11.2286, -44.4378

Triad

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



64.4471, -10.2214, -47.5040



64.4471, 39.3798, 15.5006



64.4471, -31.8310, 23.6961

Complementary

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



64.4461, -10.2217, -47.5061



64.2948, 32.2358, 34.9885

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.



64.4471, -16.9077, 30.2940



64.4461, -10.2217, -47.5061



64.4471, 24.7347, 26.7317

Square

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



64.4471, -10.2214, -47.5040



64.4471, 41.7754, -3.4326



64.4471, 3.6294, 31.1892



64.4471, -38.8494, 9.7535

Rectangle

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



64.4461, -10.2217, -47.5061



64.4471, 24.9960, -33.6257



64.4471, 3.6294, 31.1892



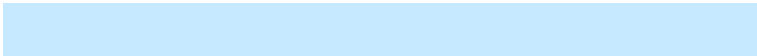
64.4471, -27.6704, 26.6277

Sweetspot

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



64.4471, -10.2214, -47.5040



88.0029, -10.7534, -9.7012



86.4224, -62.4840, 35.0558



40.0605, -5.1947, -5.3760

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4471, -10.2214, -47.5040



58.8858, -5.4783, -59.0678



39.8983, 38.5430, -115.3301



43.8150, -3.6997, -0.4682



40.0876, -0.7782, -48.4262



13.3355, -1.6017, -13.2106

Inverse Universe

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



53.7161, 77.8294, -13.7915



49.9621, 86.1171, -10.3575



89.5201, -14.0141, 51.1862



42.6272, 2.7394, 0.5115



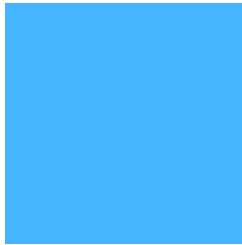
35.1429, 63.7158, -4.6745



11.0638, 20.2345, -2.8310

Previews

White Background



This preview shows how the HunterLab color 64.4461, -10.2217, -47.5061 looks on a white background.

Color Contrast Check

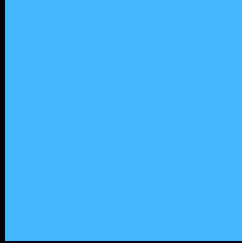
Large Text (above 18pt) WCAG AA × Fail

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 64.4461, -10.2217, -47.5061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

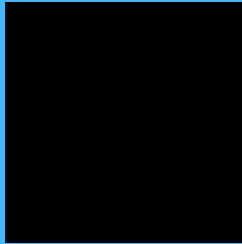
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

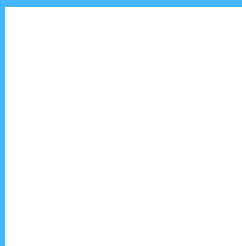
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4461, -10.2217, -47.5061 Background



This preview shows how black text looks on a background with the HunterLab color 64.4461, -10.2217, -47.5061.



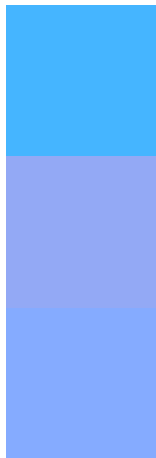
This preview shows how white text looks on a background with the HunterLab color 64.4461, -10.2217, -47.5061.

-10.2217, -47.5061.

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

64.4461, -10.2217, -47.5061

Protanopia

64.1651, 6.5034, -40.1708

Deuteranopia

64.2903, 4.8973, -47.5484



Tritanopia

64.3246, -30.0533, -14.7119

Trichromacy



Original Color

64.4461, -10.2217, -47.5061

Protanomaly

63.7563, -0.5639, -44.0678

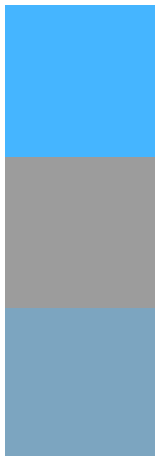
Deuteranomaly

64.1833, -1.6042, -47.8736

Tritanomaly

64.2359, -23.8115, -25.9261

Monochromacy



Original Color

64.4461, -10.2217, -47.5061

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.1617, -9.1513, -13.6823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4461, -10.2217, -47.5061 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(69, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 181, 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(69, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 181, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4461, -10.2217, -47.5061 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(69, 181, 255) }
```


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

```
.border{ border-color:rgb(69, 181, 255) }
```

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

Here you see how a box with a 4 pixel rgb(69, 181, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 181,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4461, -10.2217, -47.5061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 181, 255) }
```

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

```
.background{ background-color: rgb(69, 181,  
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