

Converting Colors

HunterLab(73.4589, -8.8793,
-44.7168)

Have a look what the booklet for
HunterLab(73.4589, -8.8793,
-44.7168) contains.

HunterLab(72.5521, -13.7755, -32.8488)	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(72.5521,
-13.7755, -32.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	73C9FF
RGB	115, 201, 255
RGB Percent	45%, 79%, 100%
CMY	0.5490, 0.2118, 0.0000
CMYK	0.55, 0.21, 0.00, 0.00
HSL	203°, 100%, 73%
HSV	203°, 55%, 100%
XYZ	46.0068, 52.6381, 102.3430
YIQ	181.4420, -68.5900, -1.4380

Conversions

Conversions Part 2

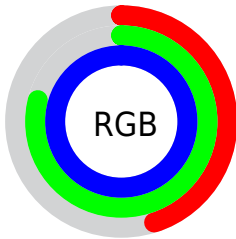
Format	Color
R _Y B	115, 168, 255
Decimal	7588351
CIE Lab	77.66, -11.13, -34.43
CIE LCh	78, 36.181, 252.088
Yxy	52.6399, 0.2289, 0.2619
Android (android.graphics.Color)	4285778431 (0xFF73C9FF)
YUV	181.4420, 36.2641, -58.2696
Hunter-Lab	72.5521, -13.7755, -32.8488

Details

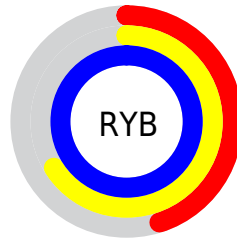
The HunterLab color **72.5521, -13.7755, -32.8488** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71.3270, 21.6366, 30.8460**, and the grayscale version is **68.0364, -3.6303, 3.6965**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **50.5698, -11.3868, -31.6773** is the 20% darker color. If you saturate the color by 10%, you get **68.3400, -12.8035, -40.1925**, and if you desaturate by 10%, it is **77.0376, -13.8542, -25.5847**.

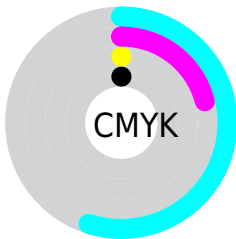
Distribution



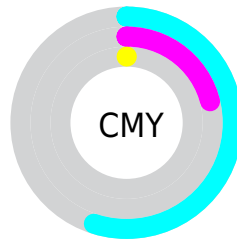
- Red (45%)
- Green (79%)
- Blue (100%)



- Red (45%)
- Yellow (66%)
- Blue (100%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5521, -13.7755, -32.8488 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 72.5521, -13.7755, -32.8488 by changing the saturation by 10% instead.

■ 72.5521, -13.7755,
-32.8488

■ 72.5521, -13.7755,
-32.8488

199.2240,
-24.6947, -35.8295

■ 61.2498, -12.5975,
-32.2724

■ 96.9919, -16.1405,
-33.8568

■ 50.6032, -11.4168,
-31.6632

■ 110.0695,
-17.3321, -34.2863

■ 40.6568, -10.2274,
-31.0398

■ 123.6872,
-18.5323, -34.6649

■ 31.4639, -9.0202,
-30.4453

137.8242,
-19.7422, -34.9932

■ 23.0923, -7.7801,
-29.9752

152.4623,
-20.9627, -35.2723

■ 15.6322, -6.4810,
-29.8666

167.5848,

■ 9.2099, -5.7568,

-22.1946, -35.5038

-30.8484

183.1766,
-23.4385, -35.6890

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 72.5521, -13.7755,
-32.8488

■ 72.5521, -13.7755,
-32.8488

■ 68.3400, -12.8035,
-40.1925

■ 77.0376, -13.8542,
-25.5847

■ 64.4150, -10.8715,
-47.5786

■ 81.7733, -13.1185,
-18.4370

■ 60.7908, -7.9449,
-54.9521

■ 86.7410, -11.6521,
-11.4217

■ 57.4689, -4.0456,
-62.2646

■ 91.9220, -9.5357,
-4.5473

■ 55.8689, -1.7721,

■ 97.2990, -6.8439,

-66.0058

2.1853

100.0000, -5.3358,
5.4332

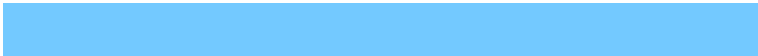
Harmonies

Analogous

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



72.5534, -26.8380, -20.4795



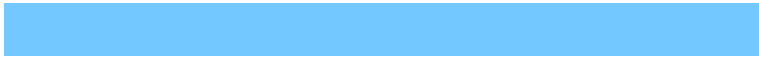
72.5521, -13.7755, -32.8488



72.5534, 3.1860, -34.0713

Triad

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



72.5534, -13.7758, -32.8468



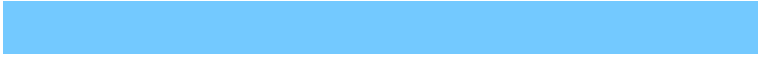
72.5534, 31.4043, 10.2374



72.5534, -24.7516, 23.6433

Complementary

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



72.5521, -13.7755, -32.8488



71.3270, 21.6366, 30.8460

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.



72.5534, -10.6762, 28.4816



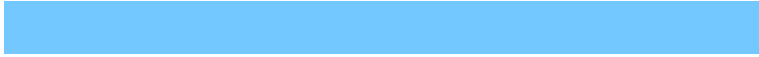
72.5521, -13.7755, -32.8488



72.5534, 22.3546, 22.0404

Square

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



72.5534, -13.7758, -32.8468



72.5534, 30.3769, -6.4159



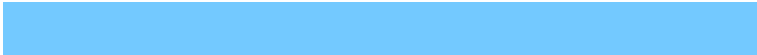
72.5534, 6.5866, 27.9728



72.5534, -32.7565, 12.9800

Rectangle

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



72.5521, -13.7755, -32.8488



72.5534, 14.5555, -28.1068



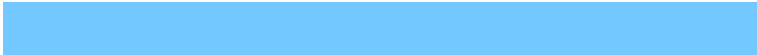
72.5534, 6.5866, 27.9728



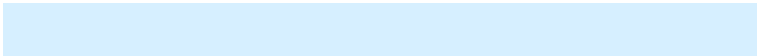
72.5534, -20.6319, 25.8792

Sweetspot

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



72.5534, -13.7758, -32.8468



91.3418, -9.7981, -5.2970



88.3275, -53.6062, 28.4010



41.7599, -4.7513, -3.1015

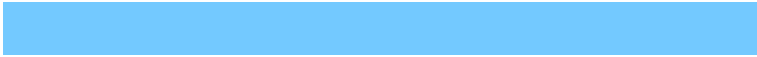
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5534, -13.7758, -32.8468



67.8936, -12.6388, -41.0045



52.1433, 22.6859, -75.0469



43.8586, -3.7708, -0.4153



40.7528, -1.8970, -46.8424



13.5239, -1.9001, -12.8018

Inverse Universe

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



61.4331, 60.7685, -14.4137



56.3465, 72.2302, -15.3260



91.6714, -14.1842, 45.7475



42.6317, 2.7637, 0.4471



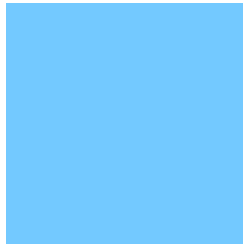
35.2201, 63.9943, -5.7594



11.0868, 20.3174, -3.1524

Previews

White Background



This preview shows how the HunterLab color 72.5521, -13.7755, -32.8488 looks on a white background.

Color Contrast Check

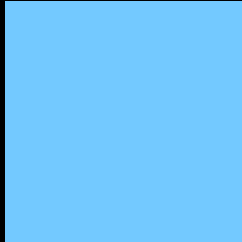
Large Text (above 18pt) WCAG AA × Fail

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 72.5521, -13.7755, -32.8488 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

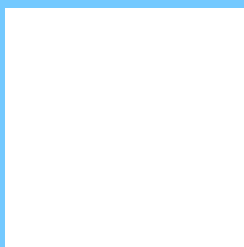
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.5521, -13.7755, -32.8488 Background



This preview shows how black text looks on a background with the HunterLab color 72.5521, -13.7755, -32.8488.



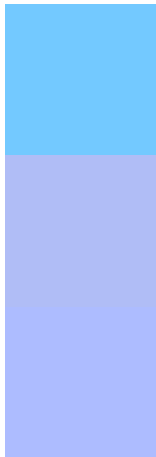
This preview shows how white text looks on a background with the HunterLab color 72.5521, -13.7755, -32.8488.

-13.7755, -32.8488.

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

72.5521, -13.7755, -32.8488

Protanopia

72.3043, 3.6602, -26.8777

Deuteranopia

72.1600, 5.4844, -33.1734



Tritanopia

72.6890, -25.9694, -12.6074

Trichromacy



Original Color

72.5521, -13.7755, -32.8488

Protanomaly

72.0066, -3.3158, -29.4828

Deuteranomaly

72.1355, -2.3413, -33.3519

Tritanomaly

72.6544, -21.7711, -19.7516

Monochromacy



Original Color

72.5521, -13.7755, -32.8488

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

69.0569, -8.9965, -8.8395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5521, -13.7755, -32.8488 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(115, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 201, 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(115, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 201, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5521, -13.7755, -32.8488 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(115, 201, 255) }
```


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

```
.border{ border-color:rgb(115, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 201,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5521, -13.7755, -32.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 201, 255) }
```

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

```
.background{ background-color: rgb(115,  
201, 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