

Converting Colors

HunterLab(65.7001, -7.6013,
-33.2585)

Have a look what the booklet for
HunterLab(65.7001, -7.6013,
-33.2585) contains.

HunterLab(65.6214, -7.5547, -33.4791)	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(65.6214, -7.5547,
-33.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	75B5EF
RGB	117, 181, 239
RGB Percent	46%, 71%, 94%
CMY	0.5412, 0.2902, 0.0627
CMYK	0.51, 0.24, 0.00, 0.06
HSL	209°, 79%, 70%
HSV	209°, 51%, 94%
XYZ	39.4400, 43.0617, 87.8945
YIQ	168.4760, -56.7620, 4.4700

Conversions

Conversions Part 2

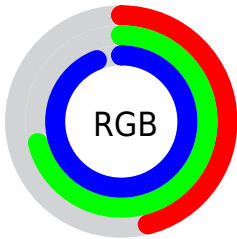
Format	Color
R _Y B	117, 159, 239
Decimal	7714287
CIE Lab	71.60, -4.63, -35.19
CIE LCh	72, 35.496, 262.497
Yxy	43.0633, 0.2315, 0.2527
Android (android.graphics.Color)	4285904367 (0xFF75B5EF)
YUV	168.4760, 34.7683, -45.1445
Hunter-Lab	65.6214, -7.5547, -33.4791

Details

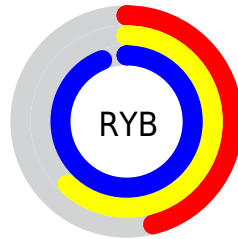
The HunterLab color $65.6214, -7.5547, -33.4791$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $70.9204, 12.1522, 29.8424$, and the grayscale version is $62.6515, -3.3429, 3.4040$.

A 20% lighter version of the original color is $87.6940, -19.0950, -10.2621$, and $44.3824, -5.6887, -32.5989$ is the 20% darker color. If you saturate the color by 10%, you get $60.9750, -5.9662, -41.9375$, and if you desaturate by 10%, it is $70.5311, -8.3324, -25.3320$.

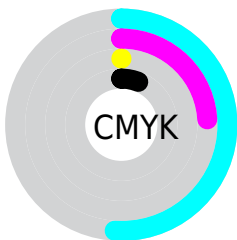
Distribution



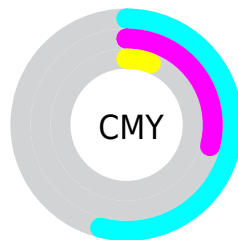
- Red (46%)
- Green (71%)
- Blue (94%)



- Red (46%)
- Yellow (62%)
- Blue (94%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.6214, -7.5547, -33.4791 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 65.6214, -7.5547, -33.4791 by changing the saturation by 10% instead.

■ 65.6214, -7.5547,
-33.4791

■ 65.6214, -7.5547,
-33.4791

189.4391,
-15.9206, -36.8861

■ 54.7127, -6.7278,
-32.8681

■ 89.3344, -9.2701,
-34.5775

■ 44.4849, -5.9206,
-32.2384

■ 102.0733,
-10.1589, -35.0557

■ 34.9883, -5.1316,
-31.6233

■ 115.3661,
-11.0684, -35.4834

■ 26.2842, -4.3583,
-31.0975

129.1905,
-11.9986, -35.8607

■ 18.4526, -3.5955,
-30.8351

143.5269,
-12.9491, -36.1884

■ 11.6045, -2.8326,
-31.3145

158.3575,

■ 4.2059, -5.0264,

-13.9198, -36.4676

-51.0530

173.6664,
-14.9104, -36.6997

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.6214, -7.5547,
-33.4791

■ 65.6214, -7.5547,
-33.4791

■ 60.9750, -5.9662,
-41.9375

■ 70.5311, -8.3324,
-25.3320

■ 56.6157, -3.4732,
-50.6940

■ 75.6750, -8.3950,
-17.4973

■ 52.5719, 0.0010,
-59.7032

■ 81.0310, -7.8327,
-9.9581

■ 48.8657, 4.4894,
-68.8934


■ 86.5786, -6.7265,
-2.6916


■ 45.8201, 9.2654,

■ 92.3002, -5.1469,

-77.2725

4.3282

 97.6490, -4.9956,
10.5001

 99.5048, -8.0554,
12.5149

Harmonies

Analogous

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



65.6226, -21.5476, -24.8167



65.6214, -7.5547, -33.4791



65.6226, 8.9470, -30.4500

Triad

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



65.6226, -7.5547, -33.4778



65.6226, 28.0973, 14.0042



65.6226, -26.6032, 19.2786

Complementary

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



65.6214, -7.5547, -33.4791



70.9204, 12.1522, 29.8424

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.



65.6226, -15.0926, 25.6097



65.6214, -7.5547, -33.4791



65.6226, 16.7258, 23.1245

Square

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



65.6226, -7.5547, -33.4778



65.6226, 30.6171, -0.4490



65.6226, 0.6454, 26.8213



65.6226, -31.8241, 7.3537

Rectangle

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



65.6214, -7.5547, -33.4791



65.6226, 19.0827, -22.4875



65.6226, 0.6454, 26.8213



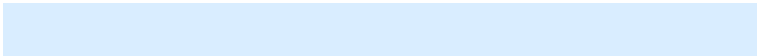
65.6226, -23.3983, 21.9991

Sweetspot

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



65.6226, -7.5547, -33.4778



90.7717, -7.7825, -5.9988



82.8067, -46.1033, 21.5691



41.4108, -3.7170, -3.5409

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.6226, -7.5547, -33.4778



65.5483, -6.3847, -45.2961



48.6895, 23.9079, -69.0206



40.7444, -3.0320, -0.7345



34.4486, 6.1508, -56.3355



10.8923, 0.0501, -13.7227

Inverse Universe

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



58.6610, 50.4006, -7.1573



57.9719, 65.0970, -7.8755



88.8902, -18.0076, 43.2319



39.8715, 2.3885, 0.8701



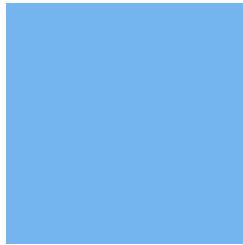
33.1532, 59.3406, 1.5413



9.6669, 17.4946, -1.0383

Previews

White Background



This preview shows how the HunterLab color 65.6214, -7.5547, -33.4791 looks on a white background.

Color Contrast Check

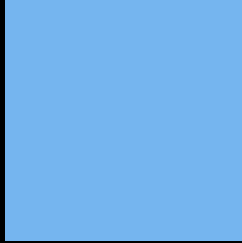
Large Text (above 18pt) WCAG AA × Fail

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 65.6214, -7.5547, -33.4791 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

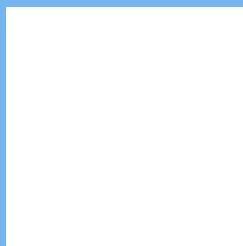
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.6214, -7.5547, -33.4791 Background



This preview shows how black text looks on a background with the HunterLab color 65.6214, -7.5547, -33.4791.



This preview shows how white text looks on a background with the HunterLab color 65.6214, -7.5547, -33.4791.

-33.4791.

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

65.6214, -7.5547, -33.4791

Protanopia

65.2689, 4.5221, -29.0529

Deuteranopia

65.2903, 5.3973, -35.2450



Tritanopia

65.7887, -21.2838, -10.7527

Trichromacy



Original Color

65.6214, -7.5547, -33.4791

Protanomaly

65.1903, -0.0312, -31.3141

Deuteranomaly

65.2125, 0.4942, -34.7589

Tritanomaly

65.5034, -16.3922, -18.7274

Monochromacy



Original Color

65.6214, -7.5547, -33.4791

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.3812, -6.5013, -8.8031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.6214, -7.5547, -33.4791 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(117, 181, 239)` looks like.

```
.text, #text, p{  
    color:rgb(117, 181, 239)  
}
```

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(117, 181, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 181, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 65.6214, -7.5547, -33.4791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

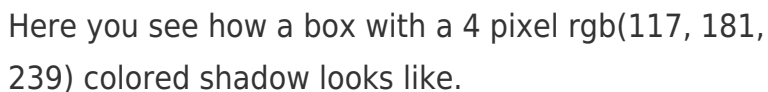
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 181, 239) }
```


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

```
.border{ border-color:rgb(117, 181, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 181, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 181, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 181, 239);  
box-shadow:4px 4px 4px 4px rgb(117, 181,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.6214, -7.5547, -33.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 181, 239) }
```

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

```
.background{ background-color: rgb(117,  
181, 239) }
```

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