

Converting Colors

HunterLab(61.6846, 6.2401,
-47.1799)

Have a look what the booklet for
HunterLab(61.6846, 6.2401,
-47.1799) contains.

HunterLab(61.7685, 6.2807, -47.0720)	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(61.7685, 6.2807,
-47.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	83A4F8
RGB	131, 164, 248
RGB Percent	51%, 64%, 97%
CMY	0.4863, 0.3569, 0.0274
CMYK	0.47, 0.34, 0.00, 0.03
HSL	223°, 89%, 74%
HSV	223°, 47%, 97%
XYZ	39.5788, 38.1535, 94.0852
YIQ	163.7090, -46.6320, 19.1280

Conversions

Conversions Part 2

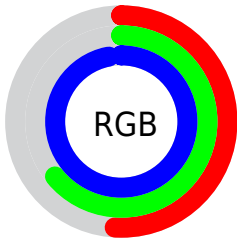
Format	Color
R_{YB}	131, 157, 248
Decimal	8627448
CIE _{Lab}	68.13, 10.73, -45.44
CIE _{LCh}	68, 46.686, 283.287
Yxy	38.1548, 0.2304, 0.2221
Android (android.graphics.Color)	4286817528 (0xFF83A4F8)
YUV	163.7090, 41.5555, -28.6858
Hunter-Lab	61.7685, 6.2807, -47.0720

Details

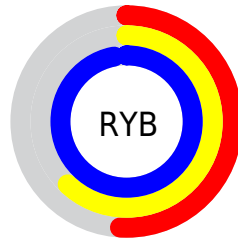
The HunterLab color $61.7685, 6.2807, -47.0720$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $83.7843, -3.6465, 36.3672$, and the grayscale version is $60.6596, -3.2366, 3.2957$.

A 20% lighter version of the original color is $82.8866, -6.4326, -16.7126$, and $41.2169, 6.0697, -45.3995$ is the 20% darker color. If you saturate the color by 10%, you get $55.2020, 10.8189, -61.1796$, and if you desaturate by 10%, it is $68.7045, 2.6685, -34.2562$.

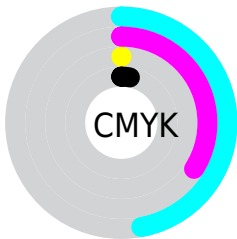
Distribution



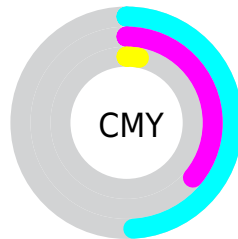
- Red (51%)
- Green (64%)
- Blue (97%)



- Red (51%)
- Yellow (62%)
- Blue (97%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (36%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7685, 6.2807, -47.0720 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 61.7685, 6.2807, -47.0720 by changing the saturation by 10% instead.

■ 61.7685, 6.2807,
-47.0720

■ 61.7685, 6.2807,
-47.0720

183.9249, 3.7509,
-52.4654

■ 51.0910, 6.2994,
-46.3772

■ 85.0561, 6.0552,
-48.4968

■ 41.1104, 6.2451,
-45.7614

■ 97.5975, 5.8595,
-49.1827

■ 31.8805, 6.1071,
-45.3274

■ 110.7012, 5.6143,
-49.8350

■ 23.4683, 5.8709,
-45.2917

124.3438, 5.3232,
-50.4480

■ 15.9626, 5.5150,
-46.1664

138.5050, 4.9889,
-51.0186

■ 9.4901, 5.0067,
-49.4418

153.1663, 4.6141,

0.0000, INF, -NF

-51.5453

0.0000, NaN, -NF

168.3113, 4.2008,
-52.0275

0.0000, NaN, -NF

■ 61.7685, 6.2807,
-47.0720

■ 61.7685, 6.2807,
-47.0720

■ 55.2020, 10.8189,
-61.1796

■ 68.7045, 2.6685,
-34.2562

■ 49.0768, 16.4722,
-76.7599

■ 75.9494, -0.1886,
-22.5313

■ 43.4906, 23.4118,
-93.8612

■ 83.4603, -2.4321,
-11.7035

■ 38.5636, 31.6984,
-112.2204

■ 91.2029, -4.1757,
-1.6072

■ 34.4257, 41.0996,
-131.0171

■ 99.1498, -5.5109,
7.8936

■ 33.3929, 43.8215,
-136.3363

■ 99.7784, -6.5509,
8.5974

Harmonies

Analogous

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



61.7696, -14.5129, -46.0470



61.7685, 6.2807, -47.0720



61.7696, 26.9732, -31.7425

Triad

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



61.7696, 6.2808, -47.0705



61.7696, 29.0097, 24.3640



61.7696, -37.4799, 13.4412

Complementary

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



61.7685, 6.2807, -47.0720



83.7843, -3.6465, 36.3672

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.



61.7696, -28.6726, 25.3354



61.7685, 6.2807, -47.0720



61.7696, 8.7763, 30.0387

Square

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



61.7696, 6.2808, -47.0705



61.7696, 41.2322, 11.5727



61.7696, -12.3287, 30.3217



61.7696, -37.9602, -6.1571

Rectangle

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



61.7685, 6.2807, -47.0720



61.7696, 37.1715, -16.5695



61.7696, -12.3287, 30.3217



61.7696, -35.4548, 18.2863

Sweetspot

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



61.7696, 6.2808, -47.0705



88.6395, -3.1289, -8.7177



87.6697, -41.0822, 9.8912



40.2163, -1.2540, -5.0949

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.7696, 6.2808, -47.0705



57.0364, 11.1187, -63.0057



54.8768, 30.2998, -61.6042



41.7612, -1.7801, -1.8201



24.9549, 30.9762, -98.0603



8.6494, 6.5787, -25.0124

Inverse Universe

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



62.3466, 44.1504, 5.7895



58.7872, 56.0322, 7.8293



91.8732, -28.6827, 42.2512



41.6001, 2.0573, 2.1297



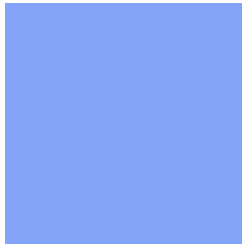
33.2258, 57.6800, 15.4255



10.1968, 17.8673, 3.4499

Previews

White Background



This preview shows how the HunterLab color 61.7685, 6.2807, -47.0720 looks on a white background.

Color Contrast Check

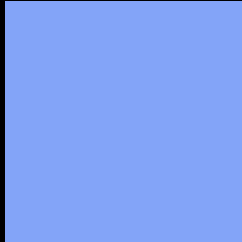
Large Text (above 18pt) WCAG AA × Fail

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 61.7685, 6.2807, -47.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

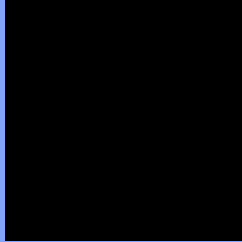
Any Text WCAG AA ✓ Pass

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 61.7685, 6.2807, -47.0720 Background



This preview shows how black text looks on a background with the HunterLab color 61.7685, 6.2807, -47.0720.



This preview shows how white text looks on a background with the HunterLab color 61.7685, 6.2807, -47.0720.

-47.0720.

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

61.7685, 6.2807, -47.0720

Protanopia

61.8289, 7.8632, -46.1459

Deuteranopia

61.8682, 5.1190, -46.8936



Tritanopia

61.9240, -16.8194, -8.7803

Trichromacy



Original Color

61.7685, 6.2807, -47.0720

Protanomaly

61.6933, 7.4156, -46.4227

Deuteranomaly

61.9312, 5.3293, -46.7646

Tritanomaly

61.8072, -9.2304, -21.1944

Monochromacy



Original Color

61.7685, 6.2807, -47.0720

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

60.9643, -1.0629, -12.6645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7685, 6.2807, -47.0720 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(131, 164, 248)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 248)  
}
```

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(131, 164, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7685, 6.2807, -47.0720 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(131, 164, 248) }
```


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

```
.border{ border-color:rgb(131, 164, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 164, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 248);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7685, 6.2807, -47.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 248) }
```

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

```
.background{ background-color: rgb(131,  
164, 248) }
```

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