

Converting Colors

HunterLab(31.1882, 75.7425,
-152.9591)

Have a look what the booklet for
HunterLab(31.1882, 75.7425,
-152.9591) contains.

HunterLab(31.1957, 75.7498, -152.9111)	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(31.1957, 75.7498,
-152.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	6500FB
RGB	101, 0, 251
RGB Percent	40%, 0%, 98%
CMY	0.6039, 1.0000, 0.0157
CMYK	0.60, 1.00, 0.00, 0.02
HSL	264°, 100%, 49%
HSV	264°, 100%, 98%
XYZ	22.7794, 9.7317, 91.9445
YIQ	58.8130, -20.3750, 99.4730

Conversions

Conversions Part 2

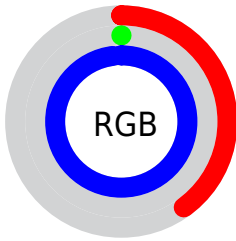
Format	Color
R _Y B	101, 0, 251
Decimal	6619387
CIE Lab	37.36, 80.59, -97.04
CIE LCh	37, 126.146, 309.709
Yxy	9.7322, 0.1830, 0.0782
Android (android.graphics.Color)	4284809467 (0xFF6500FB)
YUV	58.8130, 94.7482, 36.9980
Hunter-Lab	31.1957, 75.7498, -152.9111

Details

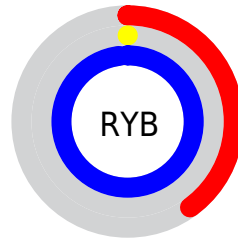
The HunterLab color **31.1957, 75.7498, -152.9111** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **86.8780, -55.3189, 52.5654**, and the grayscale version is **20.5397, -1.0959, 1.1160**.

A 20% lighter version of the original color is **45.9748, 63.1774, -92.5726**, and **19.6221, 53.2249, -139.4231** is the 20% darker color. If you saturate the color by 10%, you get **31.1965, 75.7506, -152.9070**, and if you desaturate by 10%, it is **33.7314, 73.0841, -138.3563**.

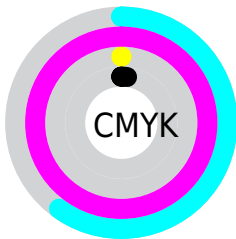
Distribution



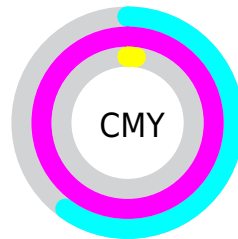
- Red (40%)
- Green (0%)
- Blue (98%)



- Red (40%)
- Yellow (0%)
- Blue (98%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1957, 75.7498, -152.9111 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 31.1957, 75.7498, -152.9111 by changing the saturation by 10% instead.

■ 31.1957, 75.7498,
-152.9111

■ 31.1957, 75.7498,
-152.9111

■ 137.3863, 96.2778,
-143.3738

■ 22.8512, 73.6758,
-163.0640

■ 50.2897, 80.5970,
-143.9957

■ 15.4206, 72.4381,
-182.4082

■ 60.9157, 83.0585,
-142.2409

■ 9.0250, 73.7863,
-225.1870

■ 72.1999, 85.4678,
-141.4151

0.0000, INF, -NF

0.0000, NaN, -NF

■ 84.1057, 87.8029,
-141.2000

0.0000, NaN, -NF

■ 96.6024, 90.0537,
-141.3977

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.6632, 92.2165,

-141.8793

123.2647, 94.2907,
-142.5581

■ 31.1957, 75.7498,
-152.9111

■ 31.1957, 75.7498,
-152.9111

■ 31.1965, 75.7506,
-152.9070

■ 33.7314, 73.0841,
-138.3563

■ 37.5356, 67.0995,
-119.8586

■ 42.6022, 58.7029,
-99.7383

■ 48.7174, 49.2390,
-80.1921

■ 55.6685, 39.5454,
-62.2094

■ 63.2824, 30.0131,
-45.9894

■ 71.4286, 20.7754,
-31.3794

■ 80.0111, 11.8455,
-18.1211

■ 88.9587, 3.1892,
-5.9567

Harmonies

Analogous

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



31.1965, 14.4218, -240.0566



31.1957, 75.7498, -152.9111



31.1965, 129.2495, -42.8591

Triad

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



31.1965, 75.7506, -152.9070



31.1965, 34.6443, 21.8375



31.1965, -49.4633, -15.7539

Complementary

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



31.1957, 75.7498, -152.9111



86.8780, -55.3189, 52.5654

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.



31.1965, -48.5351, 18.9319



31.1957, 75.7498, -152.9111



31.1965, -15.0371, 21.8375

Square

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



31.1965, 75.7506, -152.9070



31.1965, 97.5784, 21.8375



31.1965, -40.0870, 21.8375



31.1965, -44.3708, -111.1427

Rectangle

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



31.1957, 75.7498, -152.9111



31.1965, 141.9229, 1.2747



31.1965, -40.0870, 21.8375



31.1965, -49.7218, 2.1157

Sweetspot

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



31.1965, 75.7506, -152.9070



72.7029, 21.1753, -31.9838



53.8236, 0.0439, -67.3696



31.9894, 11.6148, -17.6168

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.1965, 75.7506, -152.9070



31.7506, 77.1129, -155.7530



48.0809, 96.8256, -81.2219



41.2115, 1.2706, -2.4726



22.7926, 55.0952, -109.7837



7.3557, 17.2065, -30.9802

Inverse Universe

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



47.6561, 86.2325, -5.0191



48.5176, 87.7861, -5.0694



83.1880, -70.6913, 50.0225



41.7126, 2.6611, 0.5279



34.5940, 62.6741, -4.2422



10.6271, 19.4310, -2.6809

Previews

White Background



This preview shows how the HunterLab color 31.1957, 75.7498, -152.9111 looks on a white background.

Color Contrast Check

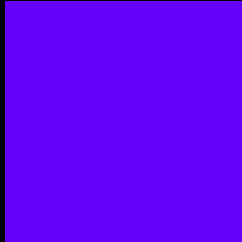
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 31.1957, 75.7498, -152.9111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

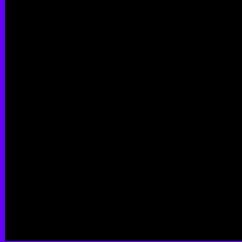
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.1957, 75.7498, -152.9111 Background



This preview shows how black text looks on a background with the HunterLab color 31.1957, 75.7498, -152.9111.



This preview shows how white text looks on a background with the HunterLab color 31.1957, 75.7498, -152.9111.

-152.9111.

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

31.1957, 75.7498, -152.9111

Protanopia

31.5450, 10.2435, -61.5413

Deuteranopia

31.6028, -0.7437, -37.8953



Tritanopia

31.7212, -13.2346, -5.6649

Trichromacy



Original Color

31.1957, 75.7498, -152.9111

Protanomaly

27.5353, 37.8354, -108.1034

Deuteranomaly

26.8242, 29.6651, -89.3656

Tritanomaly

26.0456, 20.0859, -57.2354

Monochromacy



Original Color

31.1957, 75.7498, -152.9111

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0406, 26.6331, -45.0931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1957, 75.7498, -152.9111 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(101, 0, 251)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 251)  
}
```

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(101, 0, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1957, 75.7498, -152.9111 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(101, 0, 251) }
```


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

```
.border{ border-color:rgb(101, 0, 251) }
```

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

Here you see how a box with a 4 pixel rgb(101, 0, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 251);  
box-shadow:4px 4px 4px 4px rgb(101, 0,  
251) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1957, 75.7498, -152.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 0, 251) }
```

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

```
.background{ background-color: rgb(101, 0,  
251) }
```

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