

Converting Colors

HunterLab(31.5681, 76.9318,
-156.8896)

Have a look what the booklet for
HunterLab(31.5681, 76.9318,
-156.8896) contains.

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Color

**HunterLab(31.6017, 76.9651,
-156.6792)**

Conversions

Conversions Part 1

Format	Color
Hex	6500FF
RGB	101, 0, 255
RGB Percent	40%, 0%, 100%
CMY	0.6039, 1.0000, 0.0000
CMYK	0.60, 1.00, 0.00, 0.00
HSL	264°, 100%, 50%
HSV	264°, 100%, 100%
XYZ	23.4168, 9.9867, 95.3010
YIQ	59.2690, -21.6590, 100.7170

Conversions

Conversions Part 2

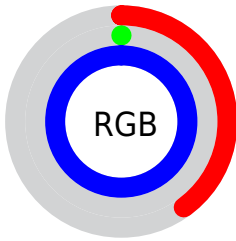
Format	Color
R _Y B	101, 0, 255
Decimal	6619391
CIE Lab	37.82, 81.47, -98.52
CIE LCh	38, 127.844, 309.590
Yxy	9.9872, 0.1819, 0.0776
Android (android.graphics.Color)	4284809471 (0xFF6500FF)
YUV	59.2690, 96.4954, 36.5981
Hunter-Lab	31.6017, 76.9651, -156.6792

Details

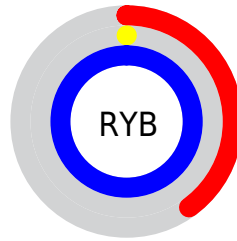
The HunterLab color **31.6017, 76.9651, -156.6792** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **88.5377, -55.9814, 53.5765**, and the grayscale version is **20.6906, -1.1040, 1.1242**.

A 20% lighter version of the original color is **46.0944, 63.4227, -92.1778**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **31.6025, 76.9658, -156.6746**, and if you desaturate by 10%, it is **34.1728, 74.2582, -141.7878**.

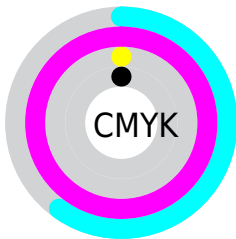
Distribution



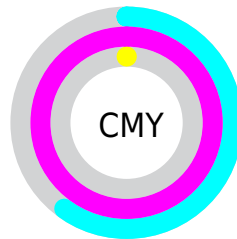
- Red (40%)
- Green (0%)
- Blue (100%)



- Red (40%)
- Yellow (0%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6017, 76.9651, -156.6792 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 31.6017, 76.9651, -156.6792 by changing the saturation by 10% instead.

31.6017, 76.9651,
-156.6792

31.6017, 76.9651,
-156.6792

138.0509, 97.6413,
-146.5089

23.2173, 74.8824,
-167.0710

50.7655, 81.8350,
-147.4535

15.7421, 73.6310,
-186.7108

61.4228, 84.3112,
-145.6014

9.3041, 74.8048,
-229.3853

72.7364, 86.7369,
-144.7034

0.0000, INF, -NF

84.6702, 89.0896,
-144.4349

0.0000, NaN, -NF

97.1935, 91.3589,
-144.5933

0.0000, NaN, -NF

110.2798, 93.5408,

0.0000, NaN, -NF

-145.0467

123.9058, 95.6345,
-145.7059

■ 31.6017, 76.9651,
-156.6792

■ 31.6017, 76.9651,
-156.6792

■ 31.6025, 76.9658,
-156.6746

■ 34.1728, 74.2582,
-141.7878

■ 38.0494, 68.1434,
-122.7823

■ 43.2205, 59.5738,
-102.1079

■ 49.4648, 49.9325,
-82.0457

■ 56.5630, 40.0745,
-63.6136

■ 64.3374, 30.3943,
-47.0091

■ 72.6544, 21.0234,
-32.0678

■ 81.4158, 11.9715,
-18.5193

■ 90.5490, 3.2017,
-6.0957

Harmonies

Analogous

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



31.6025, 14.4763, -245.5277



31.6017, 76.9651, -156.6792



31.6025, 131.6881, -44.0801

Triad

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



31.6025, 76.9658, -156.6746



31.6025, 35.5480, 22.1217



31.6025, -50.2003, -15.7980

Complementary

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



31.6017, 76.9651, -156.6792



88.5377, -55.9814, 53.5765

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.



31.6025, -49.2441, 19.2610



31.6017, 76.9651, -156.6792



31.6025, -15.1407, 22.1217

Square

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



31.6025, 76.9658, -156.6746



31.6025, 99.7419, 22.1217



31.6025, -40.6617, 22.1217



31.6025, -45.0950, -113.0104

Rectangle

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



31.6017, 76.9651, -156.6792



31.6025, 144.7756, 1.1101



31.6025, -40.6617, 22.1217



31.6025, -50.4538, 2.3184

Sweetspot

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



31.6025, 76.9658, -156.6746



72.6544, 21.0234, -32.0678



56.0523, -2.0803, -65.5697



31.9636, 11.5358, -17.6644

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.6025, 76.9658, -156.6746



48.2367, 97.5742, -84.8555



42.1055, 1.2832, -2.5469



23.0198, 55.8102, -112.1621



7.5975, 17.8456, -32.5684

Inverse Universe

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



48.5724, 87.9844, -5.8428



84.7303, -71.8304, 50.9529



42.6279, 2.7430, 0.5022



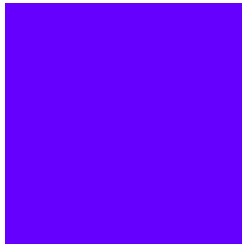
35.1540, 63.7557, -4.8299



11.0671, 20.2464, -2.8771

Previews

White Background



This preview shows how the HunterLab color 31.6017, 76.9651, -156.6792 looks on a white background.

Color Contrast Check

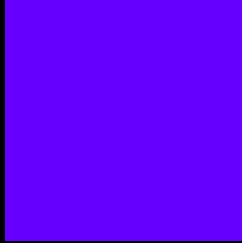
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6017, 76.9651, -156.6792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

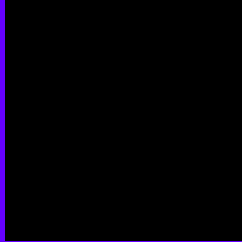
Any Text WCAG AA × Fail

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 31.6017, 76.9651, -156.6792 Background



This preview shows how black text looks on a background with the HunterLab color 31.6017, 76.9651, -156.6792.



This preview shows how white text looks on a background with the HunterLab color 31.6017, 76.9651, -156.6792.

-156.6792.

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

31.6017, 76.9651, -156.6792

Protanopia

31.9277, 10.3864, -62.3281

Deuteranopia

31.9300, -0.9202, -37.9233



Tritanopia

31.9247, -13.8410, -6.4037

Trichromacy



Original Color

31.6017, 76.9651, -156.6792

Protanomaly

27.8013, 38.9097, -110.8315

Deuteranomaly

26.9867, 30.3656, -91.1302

Tritanomaly

26.2395, 19.9226, -59.6713

Monochromacy



Original Color

31.6017, 76.9651, -156.6792

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.1040, 26.8966, -45.8574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6017, 76.9651, -156.6792 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 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(101, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6017, 76.9651, -156.6792 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, 255) }
```

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

```
.border{ border-color:rgb(101, 0, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6017, 76.9651, -156.6792 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, 255) }
```

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

```
.background{ background-color: rgb(101, 0,  
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](#).

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