

Converting Colors

HunterLab(31.1908, 76.5624,
-159.2779)

Have a look what the booklet for
HunterLab(31.1908, 76.5624,
-159.2779) contains.

HunterLab(31.1557, 76.5283, -159.5027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

**HunterLab(31.1557, 76.5283,
-159.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	6000FF
RGB	96, 0, 255
RGB Percent	38%, 0%, 100%
CMY	0.6235, 1.0000, 0.0000
CMYK	0.62, 1.00, 0.00, 0.00
HSL	263°, 100%, 50%
HSV	263°, 100%, 100%
XYZ	22.8738, 9.7068, 95.2756
YIQ	57.7740, -24.6390, 99.6570

Conversions

Conversions Part 2

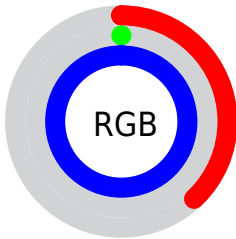
Format	Color
R_{YB}	96, 0, 255
Decimal	6291711
CIE _{Lab}	37.31, 81.22, -99.38
CIE _{LCh}	37, 128.345, 309.258
Yxy	9.7073, 0.1789, 0.0759
Android (android.graphics.Color)	4284481791 (0xFF6000FF)
YUV	57.7740, 97.2324, 33.5242
Hunter-Lab	31.1557, 76.5283, -159.5027

Details

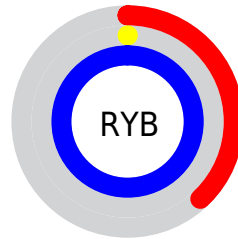
The HunterLab color **31.1557, 76.5283, -159.5027** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **88.8201, -54.8378, 53.7705**, and the grayscale version is **20.1771, -1.0766, 1.0963**.

A 20% lighter version of the original color is **45.4622, 62.9337, -94.2683**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **31.1565, 76.5291, -159.4979**, and if you desaturate by 10%, it is **33.7276, 73.7035, -144.2385**.

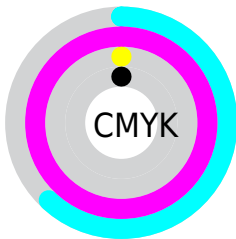
Distribution



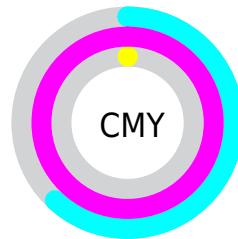
- Red (38%)
- Green (0%)
- Blue (100%)



- Red (38%)
- Yellow (0%)
- Blue (100%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1557, 76.5283, -159.5027 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 31.1557, 76.5283, -159.5027 by changing the saturation by 10% instead.

■ 31.1557, 76.5283,
-159.5027

■ 31.1557, 76.5283,
-159.5027

■ 137.3207, 97.1738,
-148.2768

■ 22.8151, 74.4667,
-170.5298

■ 50.2428, 81.3840,
-149.6813

■ 15.3890, 73.2698,
-191.4285

■ 60.8657, 83.8572,
-147.6775

■ 8.9970, 74.7532,
-237.5614

■ 72.1470, 86.2805,
-146.6756

0.0000, INF, -NF

0.0000, NaN, -NF

■ 84.0501, 88.6312,
-146.3343

0.0000, NaN, -NF

■ 96.5441, 90.8984,
-146.4411

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.6024, 93.0781,

-146.8579

123.2015, 95.1694,
-147.4914

31.1557, 76.5283,
-159.5027

31.1557, 76.5283,
-159.5027

31.1565, 76.5291,
-159.4979

33.7276, 73.7035,
-144.2385

37.6323, 67.4620,
-124.6855

42.8496, 58.8137,
-103.4731

49.1484, 49.1670,
-82.9838

56.3033, 39.3680,
-64.2433

■ 64.1336, 29.7919,
-47.4222

■ 72.5046, 20.5531,
-32.3279

■ 81.3178, 11.6500,
-18.6684

■ 90.5008, 3.0384,
-6.1612

Harmonies

Analogous

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



31.1565, 13.9041, -248.7091



31.1557, 76.5283, -159.5027



31.1565, 131.9633, -45.3325

Triad

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



31.1565, 76.5291, -159.4979



31.1565, 36.3181, 21.8095



31.1565, -49.7472, -15.1323

Complementary

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



31.1557, 76.5283, -159.5027



88.8201, -54.8378, 53.7705

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.



31.1565, -48.7626, 19.2117



31.1557, 76.5283, -159.5027



31.1565, -14.6715, 21.8095

Square

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



31.1565, 76.5291, -159.4979



31.1565, 100.8513, 21.8095



31.1565, -40.2368, 21.8095



31.1565, -44.8613, -112.6106

Rectangle

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



31.1557, 76.5283, -159.5027



31.1565, 145.5681, 0.5851



31.1565, -40.2368, 21.8095



31.1565, -49.9795, 2.7673

Sweetspot

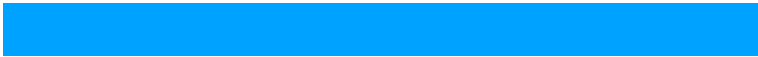
The Sweet Spot groups the original color and five complimentary colors.



31.1565, 76.5291, -159.4979



72.5046, 20.5531, -32.3279



57.3453, -4.2259, -62.5541



31.8838, 11.2912, -17.8117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.1565, 76.5291, -159.4979



47.5312, 96.5882, -87.0334



42.0843, 1.2113, -2.5755



22.6949, 55.4883, -114.1912



7.4936, 17.7347, -33.1550

Inverse Universe

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



48.7472, 88.6154, -8.3010



84.7703, -71.6595, 50.9806



42.6352, 2.7821, 0.3982



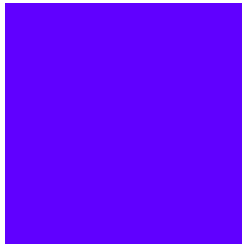
35.2797, 64.2094, -6.5964



11.1046, 20.3811, -3.3994

Previews

White Background



This preview shows how the HunterLab color 31.1557, 76.5283, -159.5027 looks on a white background.

Color Contrast Check

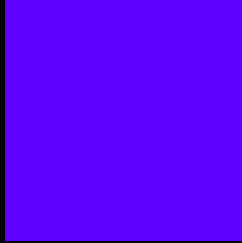
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1557, 76.5283, -159.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

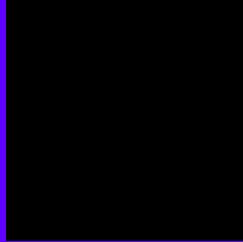
Any Text WCAG AA × Fail

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 31.1557, 76.5283, -159.5027 Background



This preview shows how black text looks on a background with the HunterLab color 31.1557, 76.5283, -159.5027.



This preview shows how white text looks on a background with the HunterLab color 31.1557, 76.5283, -159.5027.

-159.5027.

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

31.1557, 76.5283, -159.5027

Protanopia

31.5450, 10.2435, -61.5413

Deuteranopia

31.2763, -0.5674, -37.8678

Trichromacy



Original Color

31.1557, 76.5283, -159.5027

Protanomaly

27.5585, 38.0598, -109.3541

Deuteranomaly

26.6480, 30.4012, -91.4356

Monochromacy



Original Color

31.1557, 76.5283, -159.5027

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7667, 26.9496, -47.0280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1557, 76.5283, -159.5027 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(96, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1557, 76.5283, -159.5027 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(96, 0, 255) }
```

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

```
.border{ border-color:rgb(96, 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(96, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 255)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.1557, 76.5283, -159.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 255) }
```

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

```
.background{ background-color: rgb(96, 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](#).

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