

Converting Colors

HunterLab(27.1251, 71.7645,
-188.8230)

Have a look what the booklet for
HunterLab(27.1251, 71.7645,
-188.8230) contains.

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Color

**HunterLab(27.1113, 71.8244,
-188.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	0006FF
RGB	0, 6, 255
RGB Percent	0%, 2%, 100%
CMY	0.9997, 0.9766, 0.0000
CMYK	1.00, 0.98, 0.00, 0.00
HSL	239°, 100%, 50%
HSV	239°, 100%, 100%
XYZ	18.1151, 7.3502, 95.0715
YIQ	32.5920, -83.5050, 76.1670

Conversions

Conversions Part 2

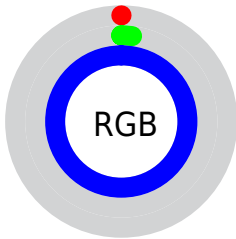
Format	Color
<code>RYB</code>	<code>0, 6, 255</code>
Decimal	<code>1791</code>
CIELab	<code>32.59, 78.30, -107.38</code>
CIELCh	<code>33, 132.898, 306.099</code>
Yxy	<code>7.3502, 0.1503, 0.0610</code>
Android (<code>android.graphics.Color</code>)	<code>4278191871 (0xFF0006FF)</code>
YUV	<code>32.5920, 109.6471, -28.5832</code>
Hunter-Lab	<code>27.1113, 71.8244, -188.9351</code>

Details

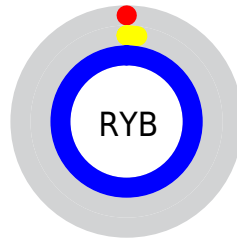
The HunterLab color **27.1113, 71.8244, -188.9351** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **94.3793, -23.0369, 57.7514**, and the grayscale version is **11.8922, -0.6345, 0.6461**.

A 20% lighter version of the original color is **40.0625, 56.0612, -114.3458**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **27.1073, 71.8419, -188.9679**, and if you desaturate by 10%, it is **28.9965, 65.9242, -174.4255**.

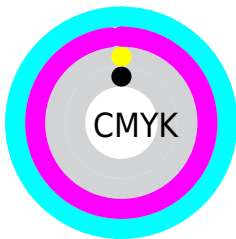
Distribution



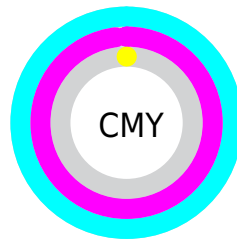
- Red (0%)
- Green (2%)
- Blue (100%)



- Red (0%)
- Yellow (2%)
- Blue (100%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1113, 71.8244, -188.9351 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 27.1113, 71.8244, -188.9351 by changing the saturation by 10% instead.

■ 27.1113, 71.8244,
-188.9351

■ 27.1113, 71.8244,
-188.9351

■ 130.5919, 92.0677,
-165.2758

■ 19.1886, 69.9864,
-207.7930

■ 45.4690, 76.5294,
-172.0600

■ 12.2366, 69.3860,
-245.0622

■ 55.7665, 78.9628,
-168.2961

■ 5.3559, 91.4122,
-404.6925

■ 66.7419, 81.3520,
-166.0919

0.0000, INF, -NF

■ 78.3556, 83.6696,
-164.9060

0.0000, NaN, -NF

■ 90.5742, 85.9030,
-164.4093

0.0000, NaN, -NF

■ 103.3693, 88.0474,

0.0000, NaN, -NF

-164.3914

116.7158, 90.1019,
-164.7123

27.1113, 71.8244,
-188.9351

27.1113, 71.8244,
-188.9351

27.1073, 71.8419,
-188.9679

28.9965, 65.9242,
-174.4255

32.7630, 56.1142,
-150.0371

38.2376, 45.1062,
-122.3444

45.0309, 34.7723,
-96.2087

52.8028, 25.7129,
-73.2440

■ 61.3083, 17.8907,
-53.4022

■ 70.3809, 11.0826,
-36.1366

■ 79.9076, 5.0583,
-20.8699

■ 89.8097, -0.3711,
-7.1237

Harmonies

Analogous

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



27.1112, 8.4966, -280.6623



27.1113, 71.8244, -188.9351



27.1112, 134.0192, -58.6042

Triad

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



27.1112, 71.8297, -188.9362



27.1112, 43.9272, 18.9778



27.1112, -46.1051, -8.9498

Complementary

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



27.1113, 71.8244, -188.9351



94.3793, -23.0369, 57.7514

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.



27.1112, -44.3944, 18.6188



27.1113, 71.8244, -188.9351



27.1112, -10.1382, 18.9778

Square

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



27.1112, 71.8297, -188.9362



27.1112, 111.7680, 18.9778



27.1112, -36.1531, 18.9778



27.1112, -42.1248, -107.7544

Rectangle

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



27.1113, 71.8244, -188.9351



27.1112, 152.8766, -4.8236



27.1112, -36.1531, 18.9778



27.1112, -46.1766, 6.5523

Sweetspot

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



27.1112, 71.8297, -188.9362



70.3533, 11.1015, -36.1847



88.4337, -48.8448, -5.0895



30.7510, 6.4145, -19.9823

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



27.1112, 71.8297, -188.9362



27.1073, 71.8419, -188.9679



33.3863, 78.7874, -146.0601



41.7672, -0.2832, -3.0137



19.6689, 51.6085, -135.9923



6.3194, 15.3325, -40.9971

Inverse Universe

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



46.1245, 79.0089, 29.5844



46.1226, 79.0144, 29.5860



87.6113, -59.7629, 52.9379



42.4192, 1.6216, 3.4774



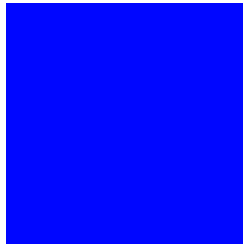
33.3444, 57.1324, 21.3209



10.4157, 17.8682, 6.4898

Previews

White Background



This preview shows how the HunterLab color 27.1113, 71.8244, -188.9351 looks on a white background.

Color Contrast Check

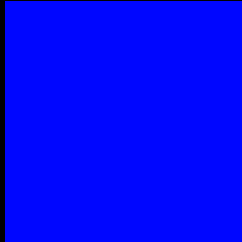
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1113, 71.8244, -188.9351 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 27.1113, 71.8244, -188.9351 Background



This preview shows how black text looks on a background with the HunterLab color 27.1113, 71.8244, -188.9351.



This preview shows how white text looks on a background with the HunterLab color 27.1113, 71.8244, -188.9351.

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

27.1113, 71.8244, -188.9351

Protanopia

27.2625, 8.0541, -51.4622

Deuteranopia

27.2089, -1.4733, -30.8283



Tritanopia

27.1915, -13.6250, -4.5746

Trichromacy



Original Color

27.1113, 71.8244, -188.9351

Protanomaly

24.6718, 33.9133, -104.0467

Deuteranomaly

23.9176, 26.8713, -87.9024

Tritanomaly

22.6457, 15.2951, -61.3229

Monochromacy



Original Color

27.1113, 71.8244, -188.9351

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

14.0965, 21.5868, -57.8936

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1113, 71.8244, -188.9351 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(0, 6, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 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(0, 6, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1113, 71.8244, -188.9351 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(0, 6, 255) }
```


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

```
.border{ border-color:rgb(0, 6, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 6, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 255); box-shadow:4px  
4px 4px 4px rgb(0, 6, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.1113, 71.8244, -188.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 255) }
```

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

```
.background{ background-color: rgb(0, 6,  
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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