

Converting Colors

HunterLab(47.9971, 16.3130,
-87.0061)

Have a look what the booklet for
HunterLab(47.9971, 16.3130,
-87.0061) contains.

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Color

**HunterLab(48.0651, 16.1734,
-86.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	337FFF
RGB	51, 127, 255
RGB Percent	20%, 50%, 100%
CMY	0.7999, 0.5020, 0.0000
CMYK	0.80, 0.50, 0.00, 0.00
HSL	218°, 100%, 60%
HSV	218°, 80%, 100%
XYZ	27.0046, 23.1025, 97.6436
YIQ	118.8680, -86.3840, 23.6960

Conversions

Conversions Part 2

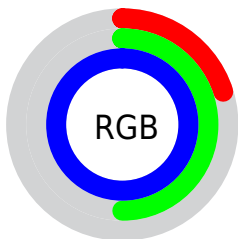
Format	Color
R _Y B	51, 106, 255
Decimal	3375103
CIE Lab	55.18, 21.90, -70.15
CIE LCh	55, 73.486, 287.341
Yxy	23.1031, 0.1828, 0.1564
Android (android.graphics.Color)	4281565183 (0xFF337FFF)
YUV	118.8680, 67.1131, -59.5202
Hunter-Lab	48.0651, 16.1734, -86.8013

Details

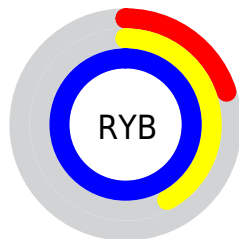
The HunterLab color **48.0651, 16.1734, -86.8013** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **73.3122, 12.8286, 42.8645**, and the grayscale version is **42.6740, -2.2770, 2.3186**.

A 20% lighter version of the original color is **66.3697, -0.3052, -43.6245**, and **31.0213, 19.7915, -81.4980** is the 20% darker color. If you saturate the color by 10%, you get **43.3612, 23.5255, -102.2311**, and if you desaturate by 10%, it is **53.3135, 10.1402, -72.1843**.

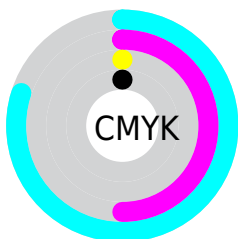
Distribution



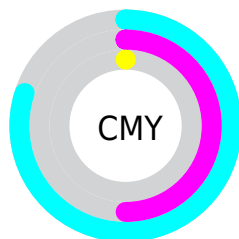
- Red (20%)
- Green (50%)
- Blue (100%)



- Red (20%)
- Yellow (42%)
- Blue (100%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0651, 16.1734, -86.8013 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 48.0651, 16.1734, -86.8013 by changing the saturation by 10% instead.

■ 48.0651, 16.1734,
-86.8013

■ 48.0651, 16.1734,
-86.8013

163.7847, 18.3715,
-93.0638

■ 38.3010, 15.5286,
-87.3208

■ 69.6869, 17.1676,
-87.2961

■ 29.3051, 14.7637,
-88.8934

■ 81.4601, 17.5358,
-87.9317

■ 21.1503, 13.8615,
-92.4730

■ 93.8304, 17.8294,
-88.6944

■ 13.9346, 12.8014,
-100.3967

■ 106.7704, 18.0549,
-89.5309

■ 7.5715, 12.7454,
-124.0226

120.2559, 18.2176,
-90.4061

0.0000, INF, -NF

0.0000, NaN, -NF

134.2658, 18.3221,

-91.2965

0.0000, NaN, -NF

148.7811, 18.3723,
-92.1861

0.0000, NaN, -NF

■ 48.0651, 16.1734,
-86.8013

■ 48.0651, 16.1734,
-86.8013

■ 43.3612, 23.5255,
-102.2311

■ 53.3135, 10.1402,
-72.1843

■ 39.2480, 32.0187,
-118.1741

■ 59.0282, 5.3532,
-58.5608

■ 39.2452, 32.0251,
-118.1860

■ 65.1411, 1.6689,
-45.9409

■ 71.5949, -1.0740,
-34.2500

■ 78.3426, -3.0265,
-23.3781

■ 85.3464, -4.3186,
-13.2094

■ 92.5756, -5.0589,
-3.6353

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



48.0657, -14.7463, -89.7341



48.0651, 16.1734, -86.8013



48.0657, 48.5613, -52.5560

Triad

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



48.0657, 16.1748, -86.7995



48.0657, 43.9335, 28.2072



48.0657, -47.4197, 13.2991

Complementary

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



48.0651, 16.1734, -86.8013



73.3122, 12.8286, 42.8645

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.



48.0657, -38.5149, 27.1350



48.0651, 16.1734, -86.8013



48.0657, 10.9599, 31.4161

Square

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



48.0657, 16.1748, -86.7995



48.0657, 67.1295, 16.4419



48.0657, -18.8155, 31.2061



48.0657, -46.6873, -17.1398

Rectangle

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



48.0651, 16.1734, -86.8013



48.0657, 64.3399, -24.1926



48.0657, -18.8155, 31.2061



48.0657, -45.5700, 19.5177

Sweetspot

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



48.0657, 16.1748, -86.7995



82.5111, -3.8727, -17.2071



86.8280, -59.3504, 24.1298



37.0219, -1.5714, -9.6448

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0657, 16.1748, -86.7995



40.8269, 28.5386, -111.7350



33.2833, 60.3956, -146.9657



42.9955, -2.3514, -1.4719



28.8264, 22.0032, -83.5291



10.0508, 4.4287, -22.1228

Inverse Universe

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



50.1613, 76.8184, 8.5212



47.3588, 81.9018, 15.0779



94.2241, -33.4606, 55.5025



42.5429, 2.2870, 1.7120



34.0100, 59.5899, 11.5374



10.7076, 18.9431, 2.2208

Previews

White Background



This preview shows how the HunterLab color 48.0651, 16.1734, -86.8013 looks on a white background.

Color Contrast Check

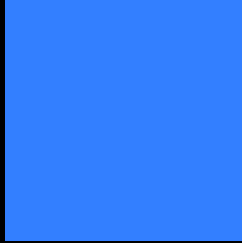
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.0651, 16.1734, -86.8013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

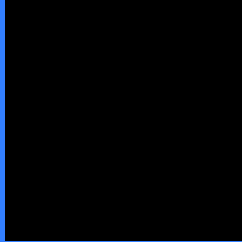
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

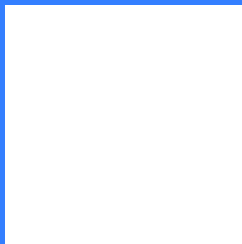
Any Text WCAG AAA × Fail

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

HunterLab 48.0651, 16.1734, -86.8013 Background



This preview shows how black text looks on a background with the HunterLab color 48.0651, 16.1734, -86.8013.



This preview shows how white text looks on a background with the HunterLab color 48.0651, 16.1734, -86.8013.

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

48.0651, 16.1734, -86.8013

Protanopia

48.1487, 16.4315, -86.5426

Deuteranopia

47.9486, 3.1140, -66.6538



Tritanopia

47.9146, -23.2027, -9.8011

Trichromacy



Original Color

48.0651, 16.1734, -86.8013

Protanomaly

48.1203, 16.3438, -86.6305

Deuteranomaly

47.7303, 7.7664, -74.8020

Tritanomaly

47.3386, -11.1404, -33.4846

Monochromacy



Original Color

48.0651, 16.1734, -86.8013

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.7332, -0.4383, -23.2833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0651, 16.1734, -86.8013 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(51, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 127, 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(51, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 127, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0651, 16.1734, -86.8013 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(51, 127, 255) }
```


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

```
.border{ border-color:rgb(51, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 127,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0651, 16.1734, -86.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 127, 255) }
```

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

```
.background{ background-color: rgb(51, 127,  
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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