

Converting Colors

HunterLab(46.1586, 16.2358,
-84.6668)

Have a look what the booklet for
HunterLab(46.1586, 16.2358,
-84.6668) contains.

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Color

**HunterLab(46.1655, 16.1185,
-84.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	327AF7
RGB	50, 122, 247
RGB Percent	20%, 48%, 97%
CMY	0.8039, 0.5216, 0.0314
CMYK	0.80, 0.51, 0.00, 0.03
HSL	218°, 92%, 58%
HSV	218°, 80%, 97%
XYZ	25.0634, 21.3125, 90.7883
YIQ	114.7220, -83.0370, 23.6110

Conversions

Conversions Part 2

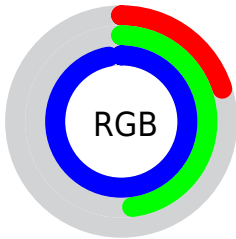
Format	Color
R_{YB}	50, 103, 247
Decimal	3308279
CIE _{Lab}	53.29, 21.97, -68.78
CIE _{LCh}	53, 72.201, 287.714
Yxy	21.3131, 0.1827, 0.1554
Android (android.graphics.Color)	4281498359 (0xFF327AF7)
YUV	114.7220, 65.2131, -56.7612
Hunter-Lab	46.1655, 16.1185, -84.2829

Details

The HunterLab color **46.1655, 16.1185, -84.2829** 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 **71.1839, 11.5086, 41.5496**, and the grayscale version is **41.0804, -2.1919, 2.2320**.

A 20% lighter version of the original color is **64.7516, 1.8873, -46.6952**, and **29.5802, 19.5036, -79.0754** is the 20% darker color. If you saturate the color by 10%, you get **41.5952, 23.2708, -99.3919**, and if you desaturate by 10%, it is **51.2675, 10.2426, -69.9960**.

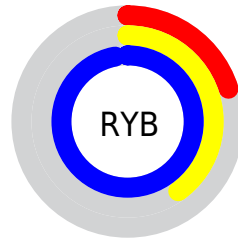
Distribution



Red (20%)

Green (48%)

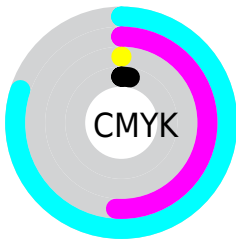
Blue (97%)



Red (20%)

Yellow (40%)

Blue (97%)

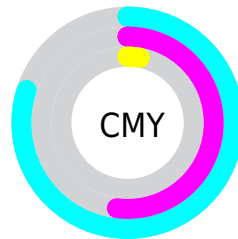


Cyan (80%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (80%)

Magenta (52%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1655, 16.1185, -84.2829 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 46.1655, 16.1185, -84.2829 by changing the saturation by 10% instead.

■ 46.1655, 16.1185,
-84.2829

■ 46.1655, 16.1185,
-84.2829

160.9155, 18.4579,
-90.4623

■ 36.5418, 15.4496,
-84.8460

■ 67.5337, 17.1539,
-84.7487

■ 27.6986, 14.6570,
-86.5202

■ 79.1908, 17.5398,
-85.3777

■ 19.7126, 13.7231,
-90.3595

■ 91.4506, 17.8497,
-86.1347

■ 12.6883, 12.6281,
-99.0461

■ 104.2850, 18.0902,
-86.9649

■ 6.0355, 15.5574,
-137.8145

117.6692, 18.2669,
-87.8329

0.0000, NaN, -NF

0.0000, NaN, -NF

131.5816, 18.3846,

-88.7150

0.0000, NaN, -NF

146.0028, 18.4471,
-89.5952

0.0000, NaN, -NF

■ 46.1655, 16.1185,
-84.2829

■ 46.1655, 16.1185,
-84.2829

■ 41.5952, 23.2708,
-99.3919

■ 51.2675, 10.2426,
-69.9960

■ 37.6062, 31.5303,
-115.0101

■ 56.8228, 5.5697,
-56.7054

■ 37.5124, 31.7429,
-115.4111

■ 62.7642, 1.9589,
-44.4159

■ 69.0354, -0.7475,
-33.0480

■ 75.5904, -2.6960,
-22.4893

■ 82.3925, -4.0127,
-12.6228

■ 89.4120, -4.8023,
-3.3399

■ 96.6249, -5.1498,
5.4544

■ 99.7474, -6.7214,
9.0412

Harmonies

Analogous

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



46.1661, -13.9421, -87.6010



46.1655, 16.1185, -84.2829



46.1661, 47.5209, -50.6321

Triad

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



46.1661, 16.1200, -84.2816



46.1661, 42.3073, 27.2790



46.1661, -45.8907, 12.5960

Complementary

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



46.1655, 16.1185, -84.2829



71.1839, 11.5086, 41.5496

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.



46.1661, -37.4215, 26.0899



46.1655, 16.1185, -84.2829



46.1661, 10.2541, 30.2700

Square

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



46.1661, 16.1200, -84.2816



46.1661, 65.0620, 16.1162



46.1661, -18.5091, 30.0398



46.1661, -45.0722, -17.1369

Rectangle

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



46.1655, 16.1185, -84.2829



46.1661, 62.7286, -23.0346



46.1661, -18.5091, 30.0398



46.1661, -44.1460, 18.6672

Sweetspot

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



46.1661, 16.1200, -84.2816



82.3764, -3.6478, -17.3973



83.8371, -56.6682, 22.0680



36.9506, -1.4521, -9.7492

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1661, 16.1200, -84.2816



40.4158, 29.5375, -113.3684



32.4749, 58.2275, -139.6258



41.1318, -2.2112, -1.4219



27.7285, 21.9484, -82.0386



9.2979, 4.0123, -20.2828

Inverse Universe

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



48.4377, 73.7402, 8.6003



47.3232, 81.7702, 15.5955



90.5997, -33.2926, 53.2682



40.7218, 2.1564, 1.6758



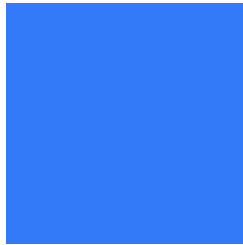
32.9781, 57.7424, 11.4927



9.8737, 17.4738, 2.0026

Previews

White Background



This preview shows how the HunterLab color 46.1655, 16.1185, -84.2829 looks on a white background.

Color Contrast Check

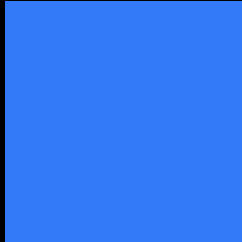
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1655, 16.1185, -84.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

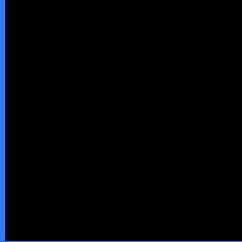
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

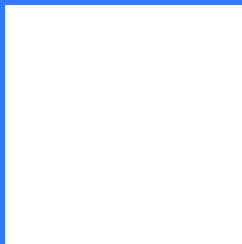
Any Text WCAG AAA × Fail

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

HunterLab 46.1655, 16.1185, -84.2829 Background



This preview shows how black text looks on a background with the HunterLab color 46.1655, 16.1185, -84.2829.



This preview shows how white text looks on a background with the HunterLab color 46.1655, 16.1185, -84.2829.

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

46.1655, 16.1185, -84.2829

Protanopia

46.1655, 16.1185, -84.2829

Deuteranopia

45.9747, 2.7898, -63.4869



Tritanopia

45.7801, -22.0848, -9.5463

Trichromacy



Original Color

46.1655, 16.1185, -84.2829

Protanomaly

46.1655, 16.1185, -84.2829

Deuteranomaly

45.7531, 7.3941, -71.5771

Tritanomaly

45.1735, -10.3226, -32.5872

Monochromacy



Original Color

46.1655, 16.1185, -84.2829

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.2201, -0.3051, -22.6493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1655, 16.1185, -84.2829 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(50, 122, 247)` looks like.

```
.text, #text, p{  
    color:rgb(50, 122, 247)  
}
```

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(50, 122, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 122, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1655, 16.1185, -84.2829 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(50, 122, 247) }
```


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

```
.border{ border-color:rgb(50, 122, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 122, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 122, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 122, 247);  
box-shadow:4px 4px 4px 4px rgb(50, 122,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1655, 16.1185, -84.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 122, 247) }
```

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

```
.background{ background-color: rgb(50, 122,  
247) }
```

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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