

Converting Colors

HunterLab(50.4489, 15.2060,
-80.9908)

Have a look what the booklet for
HunterLab(50.4489, 15.2060,
-80.9908) contains.

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Color

**HunterLab(50.3335, 14.8881,
-80.1665)**

Conversions

Conversions Part 1

Format	Color
Hex	4785FF
RGB	71, 133, 255
RGB Percent	28%, 52%, 100%
CMY	0.7215, 0.4784, 0.0000
CMYK	0.72, 0.48, 0.00, 0.00
HSL	220°, 100%, 64%
HSV	220°, 72%, 100%
XYZ	29.0360, 25.3346, 97.9673
YIQ	128.3700, -76.1140, 24.7980

Conversions

Conversions Part 2

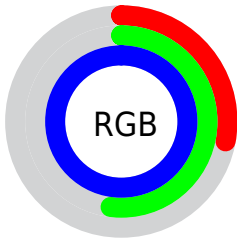
Format	Color
R_{YB}	71, 117, 255
Decimal	4687359
CIE _{Lab}	57.40, 20.37, -66.53
CIE _{LCh}	57, 69.575, 287.023
Yxy	25.3353, 0.1906, 0.1663
Android (android.graphics.Color)	4282877439 (0xFF4785FF)
YUV	128.3700, 62.4286, -50.3135
Hunter-Lab	50.3335, 14.8881, -80.1665

Details

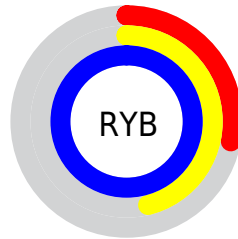
The HunterLab color **50.3335, 14.8881, -80.1665** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **77.3694, 6.3764, 43.2164**, and the grayscale version is **46.3918, -2.4753, 2.5206**.

A 20% lighter version of the original color is **69.2194, -1.4174, -38.4086**, and **32.2054, 17.0704, -77.1039** is the 20% darker color. If you saturate the color by 10%, you get **45.0573, 21.8181, -96.3464**, and if you desaturate by 10%, it is **56.1413, 9.2822, -65.1573**.

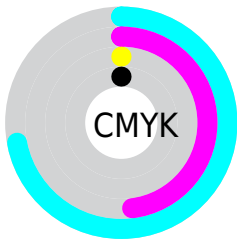
Distribution



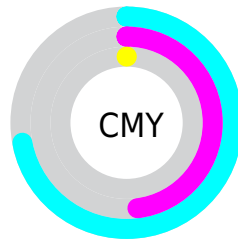
- Red (28%)
- Green (52%)
- Blue (100%)



- Red (28%)
- Yellow (46%)
- Blue (100%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3335, 14.8881, -80.1665 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 50.3335, 14.8881, -80.1665 by changing the saturation by 10% instead.

■ 50.3335, 14.8881,
-80.1665

■ 50.3335, 14.8881,
-80.1665

167.1836, 16.3971,
-86.8353

■ 40.4067, 14.3411,
-80.2930

■ 72.2500, 15.7030,
-81.0436

■ 31.2344, 13.6810,
-81.1996

■ 84.1585, 15.9887,
-81.7618

■ 22.8854, 12.8910,
-83.5748

■ 96.6577, 16.2038,
-82.5657

■ 15.4506, 11.9488,
-89.0404

■ 109.7209, 16.3541,
-83.4144

■ 9.0515, 10.8782,
-102.4907

123.3247, 16.4446,
-84.2809

0.0000, INF, -NF

0.0000, NaN, -NF

137.4484, 16.4797,

-85.1474

0.0000, NaN, -NF

152.0736, 16.4628,
-86.0017

0.0000, NaN, -NF

■ 50.3335, 14.8881,
-80.1665

■ 50.3335, 14.8881,
-80.1665

■ 45.0573, 21.8181,
-96.3464

■ 56.1413, 9.2822,
-65.1573

■ 40.4071, 30.0870,
-113.3942

■ 62.3933, 4.8556,
-51.3707

■ 37.2314, 37.3044,
-127.0654

■ 69.0203, 1.4341,
-38.7151

■ 75.9665, -1.1502,
-27.0490

■ 83.1878, -3.0425,
-16.2226

■ 90.6493, -4.3627,
-6.0978

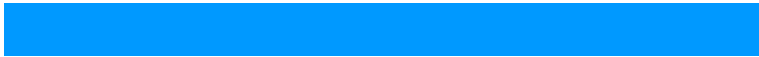
■ 98.3231, -5.2081,
3.4455

■ 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.



50.3342, -14.7255, -82.4589



50.3335, 14.8881, -80.1665



50.3342, 45.5174, -49.1984

Triad

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



50.3342, 14.8892, -80.1647



50.3342, 41.7633, 28.2931



50.3342, -46.6636, 13.3503

Complementary

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



50.3335, 14.8881, -80.1665



77.3694, 6.3764, 43.2164

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.



50.3342, -37.6308, 27.2926



50.3335, 14.8881, -80.1665



50.3342, 10.5983, 31.9822

Square

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



50.3342, 14.8892, -80.1647



50.3342, 63.3032, 16.0395



50.3342, -18.1424, 31.7666



50.3342, -46.0250, -15.6102

Rectangle

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



50.3335, 14.8881, -80.1665



50.3342, 60.3901, -22.9923



50.3342, -18.1424, 31.7666



50.3342, -44.7642, 19.4921

Sweetspot

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



50.3342, 14.8892, -80.1647



83.2995, -3.0665, -16.0638



87.5239, -55.8446, 19.7186



37.6202, -1.2107, -8.7541

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3342, 14.8892, -80.1647



42.7186, 25.6667, -104.5358



37.8930, 53.3709, -123.7458



42.8694, -2.1417, -1.6281



27.3654, 25.7503, -89.7919



9.5990, 5.4302, -23.7202

Inverse Universe

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



52.4037, 70.8657, 8.4250



48.4113, 79.3189, 13.8799



94.0061, -34.0561, 53.5688



42.5300, 2.2180, 1.8952



33.8880, 59.1412, 13.3166



10.6656, 18.7897, 2.8266

Previews

White Background



This preview shows how the HunterLab color 50.3335, 14.8881, -80.1665 looks on a white background.

Color Contrast Check

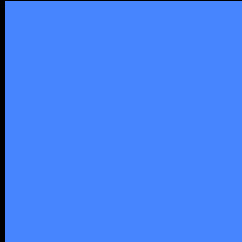
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3335, 14.8881, -80.1665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

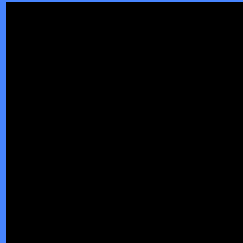
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

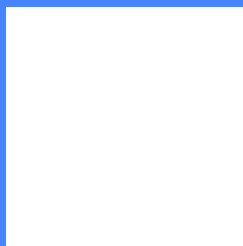
Any Text WCAG AAA × Fail

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

HunterLab 50.3335, 14.8881, -80.1665 Background



This preview shows how black text looks on a background with the HunterLab color 50.3335, 14.8881, -80.1665.



This preview shows how white text looks on a background with the HunterLab color 50.3335, 14.8881, -80.1665.

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

50.3335, 14.8881, -80.1665

Protanopia

50.4098, 15.1268, -79.9466

Deuteranopia

50.4083, 3.8983, -71.4214



Tritanopia

50.1366, -23.9067, -11.0587

Trichromacy



Original Color

50.3335, 14.8881, -80.1665

Protanomaly

50.3714, 15.0066, -80.0574

Deuteranomaly

49.9505, 7.1803, -75.4749

Tritanomaly

49.4991, -12.2311, -32.9847

Monochromacy



Original Color

50.3335, 14.8881, -80.1665

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.0607, -0.1016, -21.4537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3335, 14.8881, -80.1665 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(71, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 133, 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(71, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 133, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3335, 14.8881, -80.1665 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(71, 133, 255) }
```


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

```
.border{ border-color:rgb(71, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 133,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3335, 14.8881, -80.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 133, 255) }
```

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

```
.background{ background-color: rgb(71, 133,  
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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