

Converting Colors

HunterLab(49.2946, 16.9638,
-83.1190)

Have a look what the booklet for
HunterLab(49.2946, 16.9638,
-83.1190) contains.

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Color

**HunterLab(49.2545, 17.0850,
-83.2342)**

Conversions

Conversions Part 1

Format	Color
Hex	4781FF
RGB	71, 129, 255
RGB Percent	28%, 51%, 100%
CMY	0.7215, 0.4941, 0.0000
CMYK	0.72, 0.49, 0.00, 0.00
HSL	221°, 100%, 64%
HSV	221°, 72%, 100%
XYZ	28.4987, 24.2601, 97.7882
YIQ	126.0220, -75.0140, 26.8900

Conversions

Conversions Part 2

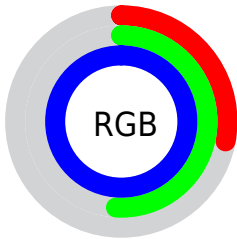
Format	Color
R_{YB}	71, 115, 255
Decimal	4686335
CIE _{Lab}	56.35, 22.82, -68.22
CIE _{LCh}	56, 71.939, 288.491
Yxy	24.2607, 0.1893, 0.1611
Android (android.graphics.Color)	4282876415 (0xFF4781FF)
YUV	126.0220, 63.5862, -48.2543
Hunter-Lab	49.2545, 17.0850, -83.2342

Details

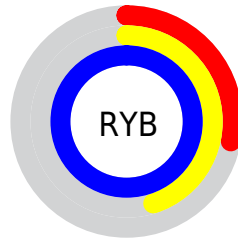
The HunterLab color **49.2545, 17.0850, -83.2342** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **78.5194, 4.3251, 43.9561**, and the grayscale version is **45.4671, -2.4260, 2.4703**.

A 20% lighter version of the original color is **67.7076, 1.1726, -41.1042**, and **31.4898, 18.6994, -79.7262** is the 20% darker color. If you saturate the color by 10%, you get **43.9046, 24.3938, -100.2802**, and if you desaturate by 10%, it is **55.1685, 11.1289, -67.4862**.

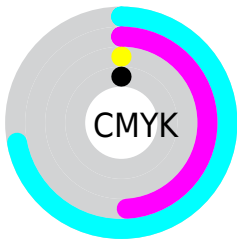
Distribution



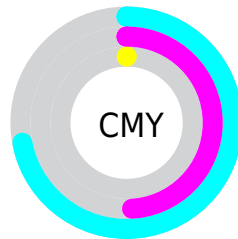
- Red (28%)
- Green (51%)
- Blue (100%)



- Red (28%)
- Yellow (45%)
- Blue (100%)



- Cyan (72%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2545, 17.0850, -83.2342 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 49.2545, 17.0850, -83.2342 by changing the saturation by 10% instead.

■ 49.2545, 17.0850,
-83.2342

■ 49.2545, 17.0850,
-83.2342

165.5705, 19.5389,
-89.7420

■ 39.4045, 16.4094,
-83.5328

■ 71.0319, 18.1397,
-83.9457

■ 30.3153, 15.6140,
-84.7314

■ 82.8765, 18.5374,
-84.6293

■ 22.0577, 14.6822,
-87.6331

■ 95.3148, 18.8601,
-85.4170

■ 14.7259, 13.5948,
-94.1641

■ 108.3198, 19.1141,
-86.2625

■ 8.3830, 12.7122,
-111.2491

121.8677, 19.3047,
-87.1350

0.0000, INF, -NF

0.0000, NaN, -NF

135.9376, 19.4366,

-88.0144

0.0000, NaN, -NF

150.5108, 19.5135,
-88.8866

0.0000, NaN, -NF

■ 49.2545, 17.0850,
-83.2342

■ 49.2545, 17.0850,
-83.2342

■ 43.9046, 24.3938,
-100.2802

■ 55.1685, 11.1289,
-67.4862

■ 39.2269, 33.0467,
-118.2461

■ 61.5493, 6.3796,
-53.0969

■ 36.0715, 40.5250,
-132.5681

■ 68.3206, 2.6550,
-39.9573

■ 75.4220, -0.2213,
-27.9013

■ 82.8066, -2.4011,
-16.7567

■ 90.4373, -4.0090,
-6.3672

■ 98.2851, -5.1450,
3.4012

■ 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.



49.2552, -13.6465, -87.4314



49.2545, 17.0850, -83.2342



49.2552, 48.5900, -49.4899

Triad

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



49.2552, 17.0862, -83.2324



49.2552, 41.8553, 28.6480



49.2552, -47.4558, 12.4429

Complementary

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



49.2545, 17.0850, -83.2342



78.5194, 4.3251, 43.9561

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.



49.2552, -38.8883, 26.9812



49.2545, 17.0850, -83.2342



49.2552, 9.4471, 31.8635

Square

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



49.2552, 17.0862, -83.2324



49.2552, 65.0905, 17.1326



49.2552, -19.6637, 31.5216



49.2552, -46.3535, -18.1535

Rectangle

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



49.2545, 17.0850, -83.2342



49.2552, 63.5486, -22.0554



49.2552, -19.6637, 31.5216



49.2552, -45.7144, 18.8874

Sweetspot

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



49.2552, 17.0862, -83.2324



82.9208, -2.4295, -16.5936



87.6808, -54.8940, 17.4549



37.4241, -0.8800, -9.0363

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2552, 17.0862, -83.2324



41.5458, 28.4310, -108.9168



38.3612, 54.3132, -121.6343



42.7924, -2.0135, -1.7236



26.5206, 28.0425, -93.6842



9.3322, 6.0495, -24.7236

Inverse Universe

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



52.3001, 70.4434, 9.9155



48.3081, 78.9281, 15.3769



93.4824, -36.0457, 53.1902



42.5222, 2.1759, 2.0067



33.8201, 58.8913, 14.3089



10.6417, 18.7020, 3.1734

Previews

White Background



This preview shows how the HunterLab color 49.2545, 17.0850, -83.2342 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 49.2545, 17.0850, -83.2342 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

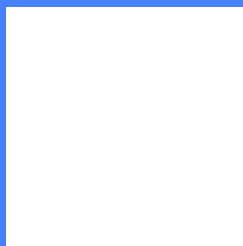
Any Text WCAG AAA × Fail

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

HunterLab 49.2545, 17.0850, -83.2342 Background



This preview shows how black text looks on a background with the HunterLab color 49.2545, 17.0850, -83.2342.



This preview shows how white text looks on a background with the HunterLab color 49.2545, 17.0850, -83.2342.

-83.2342.

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

49.2545, 17.0850, -83.2342

Protanopia

49.3042, 15.8579, -83.1103

Deuteranopia

49.1758, 3.5043, -69.0302



Tritanopia

49.0234, -23.5548, -10.4270

Trichromacy



Original Color

49.2545, 17.0850, -83.2342

Protanomaly

49.3746, 16.0762, -82.9009

Deuteranomaly

48.8491, 7.4472, -74.6191

Tritanomaly

48.4827, -11.3968, -33.4632

Monochromacy



Original Color

49.2545, 17.0850, -83.2342

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.1086, 0.9015, -22.4097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2545, 17.0850, -83.2342 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, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 129, 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, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 129, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2545, 17.0850, -83.2342 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, 129, 255) }
```


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

```
.border{ border-color:rgb(71, 129, 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, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 129,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2545, 17.0850, -83.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 129, 255) }
```

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

```
.background{ background-color: rgb(71, 129,  
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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