

Converting Colors

HunterLab(49.2272, 18.6644,
-83.2866)

Have a look what the booklet for
HunterLab(49.2272, 18.6644,
-83.2866) contains.

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Color

**HunterLab(49.2728, 18.5085,
-83.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	4E80FF
RGB	78, 128, 255
RGB Percent	31%, 50%, 100%
CMY	0.6941, 0.4980, 0.0000
CMYK	0.69, 0.50, 0.00, 0.00
HSL	223°, 100%, 65%
HSV	223°, 69%, 100%
XYZ	28.9111, 24.2781, 97.7702
YIQ	127.5280, -70.5670, 28.8970

Conversions

Conversions Part 2

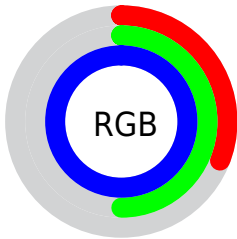
Format	Color
R _Y B	78, 117, 255
Decimal	5144831
CIE Lab	56.37, 24.35, -68.18
CIE LCh	56, 72.398, 289.650
Yxy	24.2787, 0.1915, 0.1608
Android (android.graphics.Color)	4283334911 (0xFF4E80FF)
YUV	127.5280, 62.8437, -43.4361
Hunter-Lab	49.2728, 18.5085, -83.1560

Details

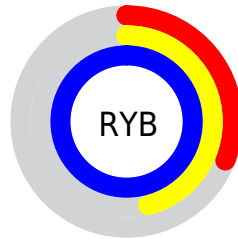
The HunterLab color **49.2728, 18.5085, -83.1560** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **80.9184, 0.5633, 44.5887**, and the grayscale version is **46.0583, -2.4576, 2.5024**.

A 20% lighter version of the original color is **67.7364, 2.8084, -41.0225**, and **31.2547, 19.2449, -80.6098** is the 20% darker color. If you saturate the color by 10%, you get **43.6481, 26.0034, -101.1606**, and if you desaturate by 10%, it is **55.4832, 12.3769, -66.6939**.

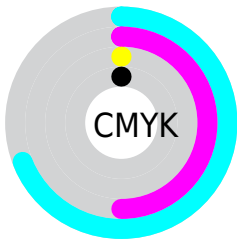
Distribution



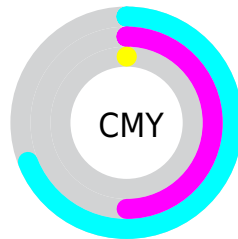
- Red (31%)
- Green (50%)
- Blue (100%)



- Red (31%)
- Yellow (46%)
- Blue (100%)



- Cyan (69%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2728, 18.5085, -83.1560 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 49.2728, 18.5085, -83.1560 by changing the saturation by 10% instead.

■ 49.2728, 18.5085,
-83.1560

■ 49.2728, 18.5085,
-83.1560

165.5979, 21.5065,
-89.6676

■ 39.4215, 17.7610,
-83.4503

■ 71.0526, 19.6987,
-83.8712

■ 30.3308, 16.8912,
-84.6421

■ 82.8982, 20.1607,
-84.5556

■ 22.0717, 15.8833,
-87.5317

■ 95.3376, 20.5453,
-85.3438

■ 14.7381, 14.7205,
-94.0385

■ 108.3435, 20.8592,
-86.1893

■ 8.3948, 13.7739,
-111.0365

121.8924, 21.1079,
-87.0618

0.0000, INF, -NF

0.0000, NaN, -NF

135.9632, 21.2961,

-87.9408

0.0000, NaN, -NF

150.5373, 21.4278,
-88.8126

0.0000, NaN, -NF

■ 49.2728, 18.5085,
-83.1560

■ 49.2728, 18.5085,
-83.1560

■ 43.6481, 26.0034,
-101.1606

■ 55.4832, 12.3769,
-66.6939

■ 38.7361, 34.8718,
-120.3284

■ 62.1714, 7.4432,
-51.7830

■ 34.6540, 44.7357,
-139.7287

■ 69.2557, 3.5118,
-38.2575

■ 34.4351, 45.3241,
-140.8826

■ 76.6729, 0.3999,
-25.9063

■ 84.3746, -2.0463,
-14.5255

■ 92.3233, -3.9507,
-3.9371

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.



49.2735, -12.6599, -88.7987



49.2728, 18.5085, -83.1560



49.2735, 50.0388, -48.3253

Triad

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



49.2735, 18.5096, -83.1539



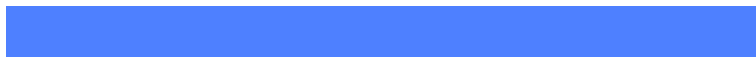
49.2735, 41.0035, 28.9712



49.2735, -47.8143, 11.6295

Complementary

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



49.2728, 18.5085, -83.1560



80.9184, 0.5633, 44.5887

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.



49.2735, -39.6087, 26.7512



49.2728, 18.5085, -83.1560



49.2735, 8.2686, 31.9767

Square

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



49.2735, 18.5096, -83.1539



49.2735, 65.0433, 17.9053



49.2735, -20.7176, 31.5239



49.2735, -46.3414, -19.8075

Rectangle

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



49.2728, 18.5085, -83.1560



49.2735, 64.6821, -20.7213



49.2735, -20.7176, 31.5239



49.2735, -46.1925, 18.3141

Sweetspot

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



49.2735, 18.5096, -83.1539



83.1305, -1.6959, -16.2808



88.0573, -52.9393, 14.5073



37.4692, -0.4879, -8.9631

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2735, 18.5096, -83.1539



41.7940, 29.0390, -107.9511



40.5069, 52.6118, -112.5964



42.6767, -1.8203, -1.8676



25.3230, 31.4711, -99.5886



8.9450, 6.9899, -26.2696

Inverse Universe

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



53.1685, 67.6381, 11.1727



48.9849, 76.6936, 15.9542



93.1497, -37.2135, 52.1578



42.5105, 2.1128, 2.1741



33.7273, 58.5492, 15.6686



10.6081, 18.5785, 3.6620

Previews

White Background



This preview shows how the HunterLab color 49.2728, 18.5085, -83.1560 looks on a white background.

Color Contrast Check

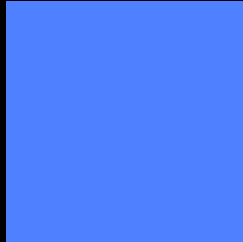
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2728, 18.5085, -83.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

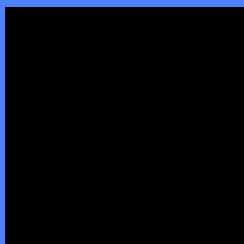
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

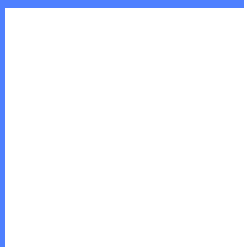
Any Text WCAG AAA × Fail

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

HunterLab 49.2728, 18.5085, -83.1560 Background



This preview shows how black text looks on a background with the HunterLab color 49.2728, 18.5085, -83.1560.



This preview shows how white text looks on a background with the HunterLab color 49.2728, 18.5085, -83.1560.

-83.1560.

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

49.2728, 18.5085, -83.1560

Protanopia

49.3042, 15.8579, -83.1103

Deuteranopia

49.1758, 3.5043, -69.0302



Tritanopia

49.0593, -23.3433, -10.9283

Trichromacy



Original Color

49.2728, 18.5085, -83.1560

Protanomaly

49.2165, 16.9678, -83.3479

Deuteranomaly

48.8770, 7.5385, -74.5405

Tritanomaly

48.2045, -10.8388, -33.9893

Monochromacy



Original Color

49.2728, 18.5085, -83.1560

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.7005, 1.5589, -22.0357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2728, 18.5085, -83.1560 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(78, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 128, 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(78, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2728, 18.5085, -83.1560 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(78, 128, 255) }
```


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

```
.border{ border-color:rgb(78, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2728, 18.5085, -83.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 128, 255) }
```

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

```
.background{ background-color: rgb(78, 128,  
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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