

Converting Colors

HunterLab(47.2305, 22.5078,
-88.2357)

Have a look what the booklet for
HunterLab(47.2305, 22.5078,
-88.2357) contains.

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Color

**HunterLab(47.1258, 22.6310,
-88.5341)**

Conversions

Conversions Part 1

Format	Color
Hex	4E78FE
RGB	78, 120, 254
RGB Percent	31%, 47%, 100%
CMY	0.6941, 0.5294, 0.0039
CMYK	0.69, 0.53, 0.00, 0.00
HSL	226°, 99%, 65%
HSV	226°, 69%, 100%
XYZ	27.7478, 22.2084, 96.5901
YIQ	122.7180, -68.0460, 32.7700

Conversions

Conversions Part 2

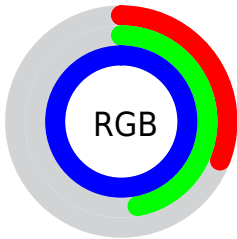
Format	Color
R _Y B	78, 112, 254
Decimal	5142782
CIE Lab	54.25, 28.90, -71.05
CIE LCh	54, 76.707, 292.134
Yxy	22.2090, 0.1893, 0.1515
Android (android.graphics.Color)	4283332862 (0xFF4E78FE)
YUV	122.7180, 64.7220, -39.2177
Hunter-Lab	47.1258, 22.6310, -88.5341

Details

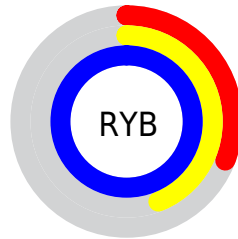
The HunterLab color $47.1258, 22.6310, -88.5341$ is a dark color, and the websafe version is hex $3366FF$. The color can be described as middle washed azure. A complement of this color would be $82.8939, -3.3837, 45.8627$, and the grayscale version is $44.1715, -2.3569, 2.3999$.

A 20% lighter version of the original color is $65.3795, 7.0246, -45.3864$, and $29.3603, 23.2847, -86.9628$ is the 20% darker color. If you saturate the color by 10%, you get $41.4050, 30.8264, -108.2158$, and if you desaturate by 10%, it is $53.5049, 15.8331, -70.6582$.

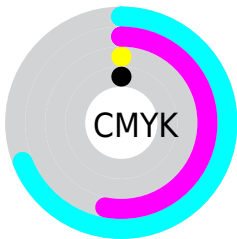
Distribution



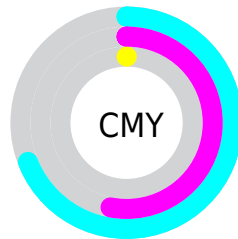
- Red (31%)
- Green (47%)
- Blue (100%)



- Red (31%)
- Yellow (44%)
- Blue (100%)



- Cyan (69%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1258, 22.6310, -88.5341 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 47.1258, 22.6310, -88.5341 by changing the saturation by 10% instead.

■ 47.1258, 22.6310,
-88.5341

■ 47.1258, 22.6310,
-88.5341

162.3687, 27.3740,
-94.6123

■ 37.4307, 21.6507,
-89.2012

■ 68.6230, 24.2605,
-88.8854

■ 28.5097, 20.5393,
-91.0270

■ 80.3391, 24.9290,
-89.4880

■ 20.4376, 19.2855,
-95.0791

■ 92.6552, 25.5126,
-90.2322

■ 13.3156, 17.8885,
-104.0195

■ 105.5432, 26.0183,
-91.0601

■ 6.8578, 19.0339,
-135.2063

118.9789, 26.4524,
-91.9337

0.0000, INF, -NF

0.0000, NaN, -NF

132.9408, 26.8202,

-92.8276

0.0000, NaN, -NF

147.4098, 27.1260,
-93.7245

0.0000, NaN, -NF

■ 47.1258, 22.6310,
-88.5341

■ 47.1258, 22.6310,
-88.5341

■ 41.4050, 30.8264,
-108.2158

■ 53.5049, 15.8331,
-70.6582

■ 36.5025, 40.3448,
-129.1033

■ 60.4108, 10.2777,
-54.6221

■ 32.5740, 50.5852,
-149.7129

■ 67.7461, 5.7575,
-40.2168

■ 32.3279, 51.3010,
-151.1513

■ 75.4379, 2.0747,
-27.1745

■ 83.4313, -0.9366,
-15.2411

■ 91.6847, -3.4085,
-4.2002

99.9679, -5.5117,
5.8912

Harmonies

Analogous

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



47.1265, -10.5479, -98.1299



47.1258, 22.6310, -88.5341



47.1265, 55.6869, -48.4957

Triad

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



47.1265, 22.6325, -88.5327



47.1265, 40.8815, 29.1852



47.1265, -48.8683, 9.8100

Complementary

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



47.1258, 22.6310, -88.5341



82.8939, -3.3837, 45.8627

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.



47.1265, -41.5335, 26.0403



47.1258, 22.6310, -88.5341



47.1265, 6.0904, 31.4144

Square

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



47.1265, 22.6325, -88.5327



47.1265, 68.0108, 19.5607



47.1265, -23.2960, 30.8399



47.1265, -46.6284, -24.8243

Rectangle

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



47.1258, 22.6310, -88.5341



47.1265, 70.3828, -18.8370



47.1265, -23.2960, 30.8399



47.1265, -47.5275, 17.0763

Sweetspot

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



47.1265, 22.6325, -88.5327



82.4062, -0.4631, -17.2986



87.8394, -51.6697, 12.0646



37.0920, 0.1573, -9.5100

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1265, 22.6325, -88.5327



39.6478, 34.3914, -116.4453



40.9199, 53.3315, -109.7125



42.5220, -1.5611, -2.0607



23.8701, 35.9543, -107.4505



8.4554, 8.2586, -28.3964

Inverse Universe

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



52.7991, 66.4582, 13.7441



48.8044, 75.9964, 18.5823



92.2694, -38.8268, 51.5434



42.4948, 2.0287, 2.3974



33.6202, 58.1536, 17.2435



10.5675, 18.4292, 4.2544

Previews

White Background



This preview shows how the HunterLab color 47.1258, 22.6310, -88.5341 looks on a white background.

Color Contrast Check

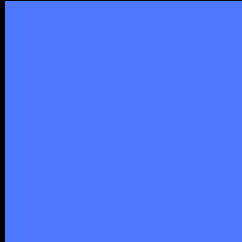
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1258, 22.6310, -88.5341 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 47.1258, 22.6310, -88.5341 Background



This preview shows how black text looks on a background with the HunterLab color 47.1258, 22.6310, -88.5341.



This preview shows how white text looks on a background with the HunterLab color 47.1258, 22.6310, -88.5341.

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

47.1258, 22.6310, -88.5341

Protanopia

47.0859, 17.2879, -89.8123

Deuteranopia

47.0741, 2.5366, -64.3143



Tritanopia

46.8807, -22.4335, -10.1693

Trichromacy



Original Color

47.1258, 22.6310, -88.5341

Protanomaly

47.1452, 18.8286, -89.5989

Deuteranomaly

46.7528, 8.4033, -73.6240

Tritanomaly

46.1438, -9.4306, -34.3254

Monochromacy



Original Color

47.1258, 22.6310, -88.5341

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.7047, 3.1158, -23.4967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1258, 22.6310, -88.5341 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, 120, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 120, 254)  
}
```

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, 120, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 120, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1258, 22.6310, -88.5341 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, 120, 254) }
```


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

```
.border{ border-color:rgb(78, 120, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 120, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 120, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 120, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 120,  
254) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1258, 22.6310, -88.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 120, 254) }
```

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

```
.background{ background-color: rgb(78, 120,  
254) }
```

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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