

Converting Colors

HunterLab(51.8590, 49.8460,
-144.6110)

Have a look what the booklet for
HunterLab(51.8590, 49.8460,
-144.6110) contains.

HunterLab(47.2308, 28.2026, -89.1664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.2308, 28.2026,
-89.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	6274FF
RGB	98, 116, 255
RGB Percent	38%, 45%, 100%
CMY	0.6157, 0.5451, 0.0000
CMYK	0.62, 0.55, 0.00, 0.00
HSL	233°, 100%, 69%
HSV	233°, 62%, 100%
XYZ	29.3324, 22.3075, 97.3676
YIQ	126.4640, -55.3470, 39.4130

Conversions

Conversions Part 2

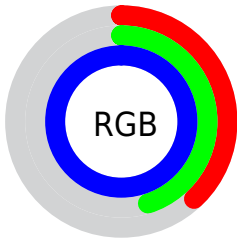
Format	Color
R _Y B	98, 114, 255
Decimal	6452479
CIE Lab	54.35, 34.65, -71.39
CIE LCh	54, 79.352, 295.890
Yxy	22.3081, 0.1969, 0.1497
Android (android.graphics.Color)	4284642559 (0xFF6274FF)
YUV	126.4640, 63.3682, -24.9629
Hunter-Lab	47.2308, 28.2026, -89.1664

Details

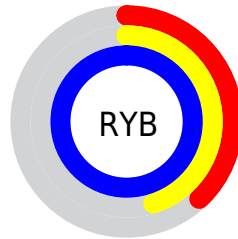
The HunterLab color $47.2308, 28.2026, -89.1664$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $90.9479, -14.4485, 48.2543$, and the grayscale version is $45.6349, -2.4350, 2.4794$.

A 20% lighter version of the original color is $65.4235, 13.0621, -45.1959$, and $28.5753, 25.8600, -91.5409$ is the 20% darker color. If you saturate the color by 10%, you get $40.6454, 37.3973, -112.3052$, and if you desaturate by 10%, it is $54.6003, 20.3857, -68.7325$.

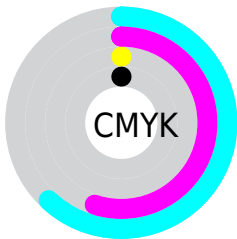
Distribution



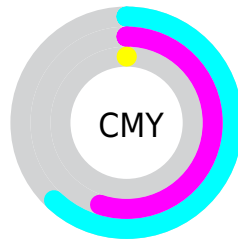
- Red (38%)
- Green (45%)
- Blue (100%)



- Red (38%)
- Yellow (45%)
- Blue (100%)



- Cyan (62%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2308, 28.2026, -89.1664 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 47.2308, 28.2026, -89.1664 by changing the saturation by 10% instead.

■ 47.2308, 28.2026,
-89.1664

■ 47.2308, 28.2026,
-89.1664

■ 162.5272, 34.9024,
-95.2229

■ 37.5279, 26.9759,
-89.8514

■ 68.7420, 30.3088,
-89.4969

■ 28.5985, 25.6180,
-91.7053

■ 80.4645, 31.2065,
-90.0947

■ 20.5171, 24.1265,
-95.7999

■ 92.7866, 32.0129,
-90.8364

■ 13.3845, 22.5274,
-104.8043

■ 105.6805, 32.7354,
-91.6634

■ 6.9414, 23.6865,
-135.4822

■ 119.1218, 33.3803,
-92.5375

0.0000, INF, -NF

0.0000, NaN, -NF

133.0891, 33.9534,

-93.4330

0.0000, NaN, -NF

147.5633, 34.4593,
-94.3322

0.0000, NaN, -NF

■ 47.2308, 28.2026,
-89.1664

■ 47.2308, 28.2026,
-89.1664

■ 40.6454, 37.3973,
-112.3052

■ 54.6003, 20.3857,
-68.7325

■ 35.0876, 47.8007,
-137.4079

■ 62.5736, 13.7819,
-50.8442

■ 30.8560, 58.4502,
-161.7529

■ 71.0264, 8.1575,
-35.0658

■ 28.4776, 66.0915,
-178.2671

■ 79.8706, 3.2982,
-20.9562

■ 89.0429, -0.9685,
-8.1445

98.4971, -4.7748,
3.6611

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.



47.2314, -6.9470, -104.5351



47.2308, 28.2026, -89.1664



47.2314, 61.6618, -44.8036

Triad

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



47.2314, 28.2037, -89.1643



47.2314, 38.1841, 30.1260



47.2314, -50.3157, 6.6616

Complementary

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



47.2308, 28.2026, -89.1664



90.9479, -14.4485, 48.2543

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.



47.2314, -44.1376, 25.3233



47.2308, 28.2026, -89.1664



47.2314, 2.0707, 31.7827

Square

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



47.2314, 28.2037, -89.1643



47.2314, 68.4387, 21.9473



47.2314, -26.9719, 30.9380



47.2314, -46.8383, -31.7337

Rectangle

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



47.2308, 28.2026, -89.1664



47.2314, 75.2793, -14.4674



47.2314, -26.9719, 30.9380



47.2314, -49.3583, 14.9562

Sweetspot

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



47.2314, 28.2037, -89.1643



83.1057, 1.7167, -16.2564



89.5618, -45.0475, 1.5188



37.2255, 1.3889, -9.2902

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2314, 28.2037, -89.1643



39.1867, 39.8382, -118.2987



48.2133, 50.9685, -85.7420



42.0866, -0.8266, -2.6083



20.8406, 46.7541, -126.9776



7.2521, 11.8638, -34.6750

Inverse Universe

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



55.9088, 57.8384, 17.9409



50.8871, 68.6715, 21.8203



91.6407, -42.6754, 48.2440



42.4510, 1.7931, 3.0223



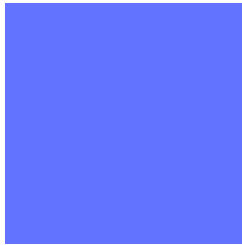
33.4162, 57.3987, 20.2563



10.4768, 18.0947, 5.5853

Previews

White Background



This preview shows how the HunterLab color 47.2308, 28.2026, -89.1664 looks on a white background.

Color Contrast Check

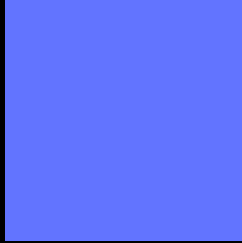
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2308, 28.2026, -89.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

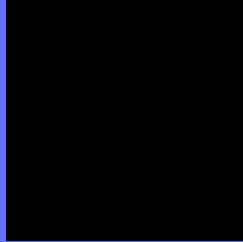
Any Text WCAG AA ✓ Pass

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 47.2308, 28.2026, -89.1664 Background



This preview shows how black text looks on a background with the HunterLab color 47.2308, 28.2026, -89.1664.



This preview shows how white text looks on a background with the HunterLab color 47.2308, 28.2026, -89.1664.

-89.1664.

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

47.2308, 28.2026, -89.1664

Protanopia

47.4005, 16.8813, -88.8348

Deuteranopia

47.1335, 2.8558, -65.0778



Tritanopia

47.1702, -19.7492, -9.1601

Trichromacy



Original Color

47.2308, 28.2026, -89.1664

Protanomaly

47.1836, 20.2893, -89.4529

Deuteranomaly

46.3991, 10.2399, -75.5788

Tritanomaly

46.5306, -4.9791, -33.4888

Monochromacy



Original Color

47.2308, 28.2026, -89.1664

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.4414, 5.7371, -23.4826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2308, 28.2026, -89.1664 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(98, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 116, 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(98, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 116, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2308, 28.2026, -89.1664 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(98, 116, 255) }
```


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

```
.border{ border-color:rgb(98, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 116,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2308, 28.2026, -89.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 116, 255) }
```

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

```
.background{ background-color: rgb(98, 116,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor