

Converting Colors

HunterLab(38.0963, 39.0445,
-119.7540)

Have a look what the booklet for
HunterLab(38.0963, 39.0445,
-119.7540) contains.

HunterLab(38.1112, 38.8255, -119.1104)	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(38.1112, 38.8255,
-119.1104)**

Conversions

Conversions Part 1

Format	Color
Hex	3856FC
RGB	56, 86, 252
RGB Percent	22%, 34%, 99%
CMY	0.7803, 0.6628, 0.0118
CMYK	0.78, 0.66, 0.00, 0.01
HSL	231°, 97%, 60%
HSV	231°, 78%, 99%
XYZ	22.5294, 14.5246, 93.7117
YIQ	95.9540, -71.1660, 45.2660

Conversions

Conversions Part 2

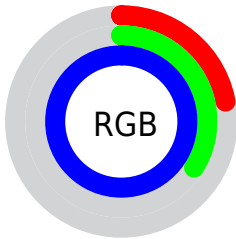
Format	Color
R _Y B	56, 82, 252
Decimal	3692284
CIE Lab	44.98, 46.61, -85.11
CIE LCh	45, 97.039, 298.708
Yxy	14.5249, 0.1723, 0.1111
Android (android.graphics.Color)	4281882364 (0xFF3856FC)
YUV	95.9540, 76.9307, -35.0397
Hunter-Lab	38.1112, 38.8255, -119.1104

Details

The HunterLab color **38.1112, 38.8255, -119.1104** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **85.5766, -10.0374, 49.9626**, and the grayscale version is **33.9267, -1.8102, 1.8433**.

A 20% lighter version of the original color is **54.6030, 23.8535, -68.6650**, and **23.4114, 39.3203, -114.1434** is the 20% darker color. If you saturate the color by 10%, you get **33.2532, 49.1695, -142.8547**, and if you desaturate by 10%, it is **44.0164, 29.5299, -96.4135**.

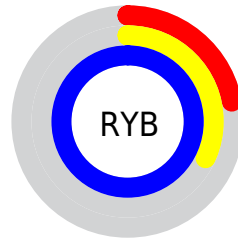
Distribution



Red (22%)

Green (34%)

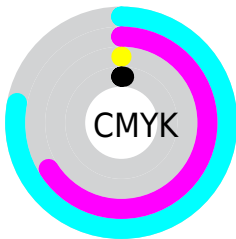
Blue (99%)



Red (22%)

Yellow (32%)

Blue (99%)

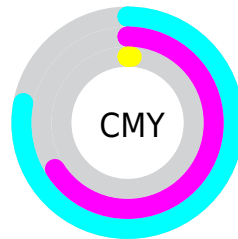


Cyan (78%)

Magenta (66%)

Yellow (0%)

Black (1%)



Cyan (78%)

Magenta (66%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1112, 38.8255, -119.1104 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 38.1112, 38.8255, -119.1104 by changing the saturation by 10% instead.

■ 38.1112, 38.8255,
-119.1104

■ 38.1112, 38.8255,
-119.1104

■ 148.4831, 50.1713,
-120.0367

■ 29.1319, 37.0433,
-123.0355

■ 58.3246, 42.0590,
-116.1939

■ 20.9950, 35.1771,
-130.5499

■ 69.4555, 43.5039,
-115.9749

■ 13.7994, 33.3388,
-145.7636

■ 81.2164, 44.8425,
-116.1921

■ 7.4225, 34.0596,
-188.7334

■ 93.5749, 46.0818,
-116.6944

0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.5037, 47.2284,
-117.3849

0.0000, NaN, -NF

119.9784, 48.2885,

0.0000, NaN, -NF

-118.1993

0.0000, NaN, -NF

133.9779, 49.2678,
-119.0935

■ 38.1112, 38.8255,
-119.1104

■ 38.1112, 38.8255,
-119.1104

■ 33.2532, 49.1695,
-142.8547

■ 44.0164, 29.5299,
-96.4135

■ 29.6898, 59.3654,
-164.5798

■ 50.7313, 21.6093,
-75.9945

■ 29.0690, 61.3888,
-168.8546

■ 58.0744, 14.9788,
-57.9763

■ 65.9143, 9.4217,
-42.0595

■ 74.1573, 4.7183,
-27.8543

■ 82.7361, 0.6839,
-15.0039

■ 91.6010, -2.8264,
-3.2158

99.9041, -5.8613,
6.8017

Harmonies

Analogous

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



38.1116, -3.6370, -148.2231



38.1112, 38.8255, -119.1104



38.1116, 80.5044, -52.9876

Triad

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



38.1116, 38.8280, -119.1094



38.1116, 42.7527, 26.6781



38.1116, -50.4591, 3.5789

Complementary

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



38.1112, 38.8255, -119.1104



85.5766, -10.0374, 49.9626

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.



38.1116, -45.9579, 23.2070



38.1112, 38.8255, -119.1104



38.1116, -0.4072, 26.6781

Square

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



38.1116, 38.8280, -119.1094



38.1116, 83.3167, 22.4349



38.1116, -30.6970, 26.6781



38.1116, -46.7054, -47.3048

Rectangle

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



38.1112, 38.8255, -119.1104



38.1116, 96.6942, -13.8221



38.1116, -30.6970, 26.6781



38.1116, -49.9084, 13.1490

Sweetspot

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



38.1116, 38.8280, -119.1094



79.2590, 2.7624, -21.8844



86.9452, -50.9958, 6.8228



35.2253, 1.9820, -12.3437

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.1116, 38.8280, -119.1094



31.6190, 55.4390, -156.9487



37.3472, 63.3024, -122.0842



41.3177, -1.0345, -2.3758



21.2917, 43.1284, -119.7147



7.3643, 10.1229, -31.0571

Inverse Universe

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



49.1908, 70.8212, 20.9397



46.8565, 78.4680, 25.8101



89.6830, -45.6088, 51.9889



41.5554, 1.8167, 2.7680



32.9675, 56.7249, 19.2323



10.0944, 17.4903, 4.9472

Previews

White Background



This preview shows how the HunterLab color 38.1112, 38.8255, -119.1104 looks on a white background.

Color Contrast Check

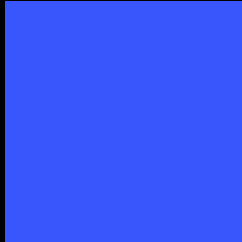
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.1112, 38.8255, -119.1104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

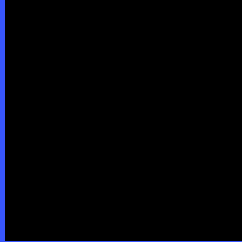
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.1112, 38.8255, -119.1104 Background



This preview shows how black text looks on a background with the HunterLab color 38.1112, 38.8255, -119.1104.



This preview shows how white text looks on a background with the HunterLab color 38.1112, 38.8255, -119.1104.

-119.1104.

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

38.1112, 38.8255, -119.1104

Protanopia

37.9592, 13.5928, -76.7887

Deuteranopia

37.6641, 0.5053, -48.1677



Tritanopia

37.6534, -18.4904, -7.1480

Trichromacy



Original Color

38.1112, 38.8255, -119.1104

Protanomaly

37.5711, 22.0248, -92.2919

Deuteranomaly

37.2378, 13.2285, -72.8668

Tritanomaly

36.6020, -1.6638, -39.8851

Monochromacy



Original Color

38.1112, 38.8255, -119.1104

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.2104, 7.8068, -31.0134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1112, 38.8255, -119.1104 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(56, 86, 252)` looks like.

```
.text, #text, p{  
    color:rgb(56, 86, 252)  
}
```

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(56, 86, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 86, 252) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1112, 38.8255, -119.1104 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(56, 86, 252) }
```


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

```
.border{ border-color:rgb(56, 86, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 86, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 86, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 86, 252);  
box-shadow:4px 4px 4px 4px rgb(56, 86,  
252) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1112, 38.8255, -119.1104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 86, 252) }
```

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

```
.background{ background-color: rgb(56, 86,  
252) }
```

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