

Converting Colors

HunterLab(38.4366, 21.1775,
-87.3022)

Have a look what the booklet for
HunterLab(38.4366, 21.1775,
-87.3022) contains.

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Color

**HunterLab(38.3112, 21.3417,
-87.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	2862E2
RGB	40, 98, 226
RGB Percent	16%, 38%, 89%
CMY	0.8431, 0.6157, 0.1137
CMYK	0.82, 0.57, 0.00, 0.11
HSL	221°, 76%, 52%
HSV	221°, 82%, 89%
XYZ	18.9702, 14.6775, 73.7847
YIQ	95.2500, -75.6560, 27.5120

Conversions

Conversions Part 2

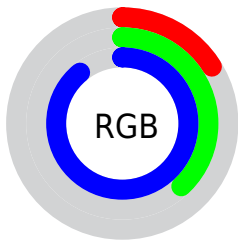
Format	Color
R _Y B	40, 84, 226
Decimal	2646754
CIE Lab	45.19, 28.46, -70.17
CIE LCh	45, 75.721, 292.074
Yxy	14.6778, 0.1766, 0.1366
Android (android.graphics.Color)	4280836834 (0xFF2862E2)
YUV	95.2500, 64.4597, -48.4542
Hunter-Lab	38.3112, 21.3417, -87.3706

Details

The HunterLab color **38.3112, 21.3417, -87.3706** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **66.5841, 6.1351, 39.3472**, and the grayscale version is **33.7112, -1.7987, 1.8316**.

A 20% lighter version of the original color is **56.7289, 13.9245, -63.6790**, and **23.3420, 24.3726, -81.7890** is the 20% darker color. If you saturate the color by 10%, you get **34.2288, 28.8432, -103.0363**, and if you desaturate by 10%, it is **42.9762, 15.0061, -72.5205**.

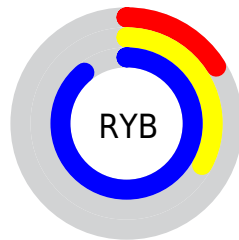
Distribution



Red (16%)

Green (38%)

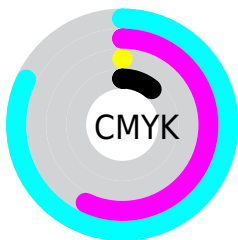
Blue (89%)



Red (16%)

Yellow (33%)

Blue (89%)

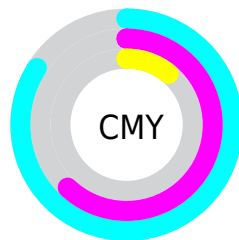


Cyan (82%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (84%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3112, 21.3417, -87.3706 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 38.3112, 21.3417, -87.3706 by changing the saturation by 10% instead.

■ 38.3112, 21.3417,
-87.3706

■ 38.3112, 21.3417,
-87.3706

148.7978, 26.5874,
-92.2326

■ 29.3148, 20.2651,
-88.9437

■ 58.5551, 23.1302,
-86.9192

■ 21.1591, 19.0451,
-92.5255

■ 69.6999, 23.8643,
-87.3426

■ 13.9422, 17.6791,
-100.4516

■ 81.4738, 24.5063,
-87.9779

■ 7.5798, 17.5161,
-124.0394

■ 93.8448, 25.0646,
-88.7406

0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.7854, 25.5462,
-89.5770

0.0000, NaN, -NF

120.2715, 25.9573,

0.0000, NaN, -NF

-90.4523

0.0000, NaN, NaN

134.2820, 26.3028,
-91.3428

■ 38.3112, 21.3417,
-87.3706

■ 38.3112, 21.3417,
-87.3706

■ 34.2288, 28.8432,
-103.0363

■ 42.9762, 15.0061,
-72.5205

■ 31.5100, 35.1920,
-115.3541

■ 48.1266, 9.8316,
-58.8144

■ 53.6802, 5.6965,
-46.2939

■ 59.5709, 2.4425,
-34.8625

■ 65.7466, -0.0819,
-24.3746

■ 72.1668, -2.0072,
-14.6797

■ 78.7998, -3.4404,
-5.6418

■ 85.6202, -4.4675,
2.8556

■ 92.6082, -5.1569,
10.9091

Harmonies

Analogous

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



38.3117, -9.4648, -97.0428



38.3112, 21.3417, -87.3706



38.3117, 52.8686, -47.2120

Triad

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



38.3117, 21.3434, -87.3696



38.3117, 38.7930, 24.7985



38.3117, -43.2221, 8.7265

Complementary

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



38.3112, 21.3417, -87.3706



66.5841, 6.1351, 39.3472

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.



38.3117, -36.9602, 22.5016



38.3112, 21.3417, -87.3706



38.3117, 5.9836, 26.5027

Square

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



38.3117, 21.3434, -87.3696



38.3117, 64.8603, 17.1858



38.3117, -20.8963, 25.9805



38.3117, -41.3473, -23.8110

Rectangle

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



38.3112, 21.3417, -87.3706



38.3117, 67.0937, -18.1943



38.3117, -20.8963, 25.9805



38.3117, -42.0865, 15.1226

Sweetspot

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



38.3117, 21.3434, -87.3696



80.6097, -1.7298, -19.9448



75.9200, -50.4350, 17.3073



36.0873, -0.4433, -11.0408

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.3117, 21.3434, -87.3696



36.2754, 40.0652, -131.5766



29.1037, 55.2954, -127.6787



37.3323, -1.7441, -1.4648



24.1891, 25.4911, -85.2623



7.4950, 3.9156, -17.8207

Inverse Universe

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



43.0923, 66.7850, 11.8238



46.8116, 81.1395, 20.3427



81.0804, -33.3696, 47.9080



37.1087, 1.8365, 1.7693



30.8200, 53.6706, 13.0127



8.2108, 14.4848, 2.0212

Previews

White Background



This preview shows how the HunterLab color 38.3112, 21.3417, -87.3706 looks on a white background.

Color Contrast Check

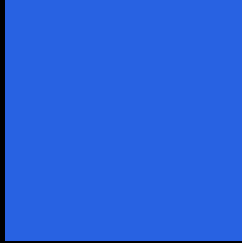
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3112, 21.3417, -87.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

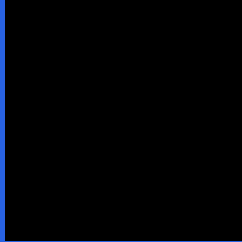
Any Text WCAG AA × Fail

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 38.3112, 21.3417, -87.3706 Background



This preview shows how black text looks on a background with the HunterLab color 38.3112, 21.3417, -87.3706.



This preview shows how white text looks on a background with the HunterLab color 38.3112, 21.3417, -87.3706.

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

38.3112, 21.3417, -87.3706

Protanopia

38.0953, 14.2809, -78.4442

Deuteranopia

38.1119, 0.9271, -49.6379



Tritanopia

38.0305, -18.4707, -7.6619

Trichromacy



Original Color

38.3112, 21.3417, -87.3706

Protanomaly

38.1788, 16.2634, -81.3405

Deuteranomaly

37.9760, 7.7660, -62.7355

Tritanomaly

37.5221, -6.6600, -31.0085

Monochromacy



Original Color

38.3112, 21.3417, -87.3706

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.4162, 2.2298, -23.5218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3112, 21.3417, -87.3706 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(40, 98, 226)` looks like.

```
.text, #text, p{  
    color:rgb(40, 98, 226)  
}
```

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(40, 98, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 98, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3112, 21.3417, -87.3706 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(40, 98, 226) }
```


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

```
.border{ border-color:rgb(40, 98, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 98, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 98, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 98, 226);  
box-shadow:4px 4px 4px 4px rgb(40, 98,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3112, 21.3417, -87.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 98, 226) }
```

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

```
.background{ background-color: rgb(40, 98,  
226) }
```

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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