

Converting Colors

HunterLab(38.1033, 23.0518,
-89.1991)

Have a look what the booklet for
HunterLab(38.1033, 23.0518,
-89.1991) contains.

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Color

**HunterLab(38.0390, 23.2010,
-89.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	2D60E3
RGB	45, 96, 227
RGB Percent	18%, 38%, 89%
CMY	0.8235, 0.6235, 0.1098
CMYK	0.80, 0.58, 0.00, 0.11
HSL	223°, 76%, 53%
HSV	223°, 80%, 89%
XYZ	19.1302, 14.4697, 74.4576
YIQ	95.6850, -72.4470, 29.9290

Conversions

Conversions Part 2

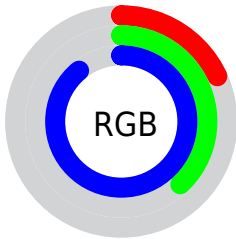
Format	Color
R _Y B	45, 85, 227
Decimal	2973923
CIE Lab	44.90, 30.53, -71.20
CIE LCh	45, 77.471, 293.205
Yxy	14.4700, 0.1770, 0.1339
Android (android.graphics.Color)	4281164003 (0xFF2D60E3)
YUV	95.6850, 64.7383, -44.4507
Hunter-Lab	38.0390, 23.2010, -89.4271

Details

The HunterLab color **38.0390, 23.2010, -89.4271** 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 **68.9767, 2.6819, 40.4147**, and the grayscale version is **33.8710, -1.8073, 1.8403**.

A 20% lighter version of the original color is **56.3656, 15.6021, -64.5108**, and **22.9563, 25.4491, -83.6306** is the 20% darker color. If you saturate the color by 10%, you get **33.7754, 30.9840, -106.2176**, and if you desaturate by 10%, it is **42.9283, 16.6077, -73.6292**.

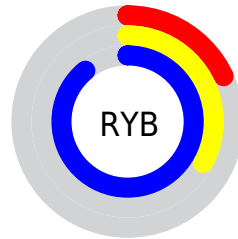
Distribution



Red (18%)

Green (38%)

Blue (89%)



Red (18%)

Yellow (33%)

Blue (89%)

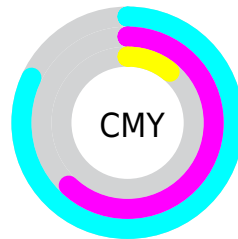


Cyan (80%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0390, 23.2010, -89.4271 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 38.0390, 23.2010, -89.4271 by changing the saturation by 10% instead.

■ 38.0390, 23.2010, -89.4271 ■ 38.0390, 23.2010, -89.4271

148.3696, 29.2056, -94.0515 ■ 29.0659, 22.0277, -91.1722

■ 58.2415, 25.1770, -88.8075 ■ 20.9359, 20.7121, -95.0579

■ 69.3674, 26.0006, -89.1908 ■ 13.7481, 19.2597, -103.5901

■ 81.1235, 26.7292, -89.8020 ■ 7.3649, 19.4447, -129.9677

■ 93.4776, 27.3714, -90.5516 0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.4021, 27.9344, -91.3828

0.0000, NaN, -NF

119.8727, 28.4243,

0.0000, NaN, -NF

-92.2586

0.0000, NaN, NaN

133.8682, 28.8465,
-93.1538

■ 38.0390, 23.2010,
-89.4271

■ 38.0390, 23.2010,
-89.4271

■ 33.7754, 30.9840,
-106.2176

■ 42.9283, 16.6077,
-73.6292

■ 30.2776, 39.4301,
-122.9627

■ 48.3293, 11.1958,
-59.1789

■ 54.1496, 6.8302,
-46.0859

■ 60.3169, 3.3409,
-34.2105

■ 66.7758, 0.5693,
-23.3695

■ 73.4838, -1.6191,
-13.3841

■ 80.4080, -3.3325,
-4.0981

■ 87.5226, -4.6570,
4.6187

■ 94.8071, -5.6605,
12.8725

Harmonies

Analogous

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



38.0395, -8.5591, -101.1058



38.0390, 23.2010, -89.4271



38.0395, 55.3919, -46.9937

Triad

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



38.0395, 23.2027, -89.4260



38.0395, 38.5994, 24.9455



38.0395, -43.7676, 7.9568

Complementary

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



38.0390, 23.2010, -89.4271



68.9767, 2.6819, 40.4147

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.



38.0395, -37.8270, 22.3593



38.0390, 23.2010, -89.4271



38.0395, 4.9679, 26.5747

Square

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



38.0395, 23.2027, -89.4260



38.0395, 66.0205, 17.8651



38.0395, -22.0298, 25.9510



38.0395, -41.5922, -26.1771

Rectangle

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



38.0390, 23.2010, -89.4271



38.0395, 69.5835, -17.2221



38.0395, -22.0298, 25.9510



38.0395, -42.7349, 14.6663

Sweetspot

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



38.0395, 23.2027, -89.4260



80.7615, -0.9235, -19.7063



76.5566, -49.2594, 14.7263



36.0974, -0.0060, -11.0176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.0395, 23.2027, -89.4260



35.8417, 41.6521, -133.6870



30.5443, 54.6633, -121.2891



38.1329, -1.6205, -1.6326



23.4868, 29.0241, -92.0113



7.4893, 4.9715, -20.0929

Inverse Universe

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



43.6503, 65.6299, 13.0149



46.9497, 80.3863, 21.0487



81.0956, -34.9950, 47.5418



37.9921, 1.8375, 1.9541



31.2323, 54.2238, 14.4644



8.5808, 15.0735, 2.6094

Previews

White Background



This preview shows how the HunterLab color 38.0390, 23.2010, -89.4271 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 38.0390, 23.2010, -89.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

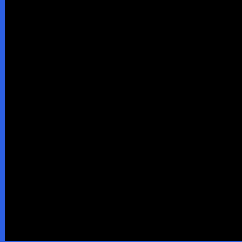
Any Text WCAG AA × Fail

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 38.0390, 23.2010, -89.4271 Background



This preview shows how black text looks on a background with the HunterLab color 38.0390, 23.2010, -89.4271.



This preview shows how white text looks on a background with the HunterLab color 38.0390, 23.2010, -89.4271.

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

38.0390, 23.2010, -89.4271

Protanopia

38.0271, 13.9364, -77.6153

Deuteranopia

37.7199, 0.8073, -48.8893



Tritanopia

37.6872, -18.2908, -7.6211

Trichromacy



Original Color

38.0390, 23.2010, -89.4271

Protanomaly

37.9365, 16.8424, -82.1512

Deuteranomaly

37.6576, 7.9940, -62.6893

Tritanomaly

36.9541, -5.7210, -32.1722

Monochromacy



Original Color

38.0390, 23.2010, -89.4271

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.5791, 2.8639, -23.8836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0390, 23.2010, -89.4271 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(45, 96, 227)` looks like.

```
.text, #text, p{  
    color:rgb(45, 96, 227)  
}
```

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(45, 96, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 96, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0390, 23.2010, -89.4271 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(45, 96, 227) }
```


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

```
.border{ border-color:rgb(45, 96, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 96, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 96, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 96, 227);  
box-shadow:4px 4px 4px 4px rgb(45, 96,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0390, 23.2010, -89.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 96, 227) }
```

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

```
.background{ background-color: rgb(45, 96,  
227) }
```

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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