

Converting Colors

HunterLab(38.0797, -11.6931,
-1.5084)

Have a look what the booklet for
HunterLab(38.0797, -11.6931,
-1.5084) contains.

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Color

**HunterLab(38.0021,
-11.5944, -1.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	497172
RGB	73, 113, 114
RGB Percent	29%, 44%, 45%
CMY	0.7137, 0.5569, 0.5529
CMYK	0.36, 0.01, 0.00, 0.55
HSL	181°, 22%, 37%
HSV	181°, 36%, 45%
XYZ	11.6900, 14.4416, 18.0909
YIQ	101.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

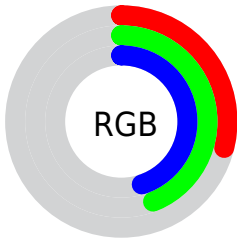
Format	Color
RYB	73, 93, 114
Decimal	4813170
CIELab	44.86, -13.67, -5.02
CIELCh	45, 14.565, 200.158
Yxy	14.4422, 0.2643, 0.3266
Android (android.graphics.Color)	4283003250 (0xFF497172)
YUV	101.1540, 6.3331, -24.6911
Hunter-Lab	38.0021, -11.5944, -1.6236

Details

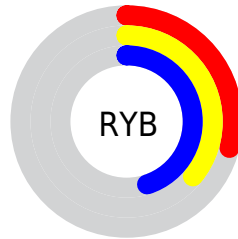
The HunterLab color $[38.0021, -11.5944, -1.6236]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[29.9268, 10.7987, 6.1413]$, and the grayscale version is $[36.1165, -1.9271, 1.9623]$.

A 20% lighter version of the original color is $[58.2654, -14.1924, -1.0564]$, and $[20.9001, -8.8150, -1.8976]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3832, -13.5014, -2.4499]$, and if you desaturate by 10%, it is $[38.7184, -9.3645, -0.6841]$.

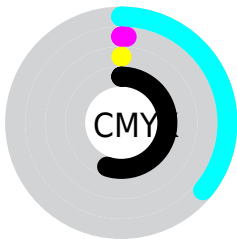
Distribution



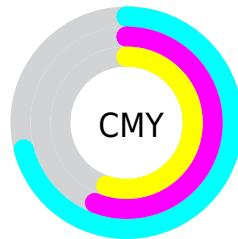
- Red (29%)
- Green (44%)
- Blue (45%)



- Red (29%)
- Yellow (36%)
- Blue (45%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0021, -11.5944, -1.6236 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 38.0021, -11.5944, -1.6236 by changing the saturation by 10% instead.

■ 38.0021, -11.5944,
-1.6236

■ 38.0021, -11.5944,
-1.6236

148.3120,
-23.4624, 2.4226

■ 29.0325, -10.2038,
-1.8258

■ 58.1993, -14.2789,
-1.0379

■ 20.9059, -8.7524,
-1.9571

■ 69.3227, -15.5955,
-0.6675

■ 13.7220, -7.1991,
-2.0039

■ 81.0764, -16.9046,
-0.2510

■ 7.3354, -8.5138,
-2.4370

■ 93.4283, -18.2108,
0.2082

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3505,
-19.5174, 0.7073

0.0000, NaN, NaN

119.8190,

0.0000, NaN, NaN

-20.8270, 1.2440

0.0000, NaN, NaN

133.8125,
-22.1415, 1.8164

■ 38.0021, -11.5944,
-1.6236

■ 38.0021, -11.5944,
-1.6236

■ 37.3832, -13.5014,
-2.4499

■ 38.7184, -9.3645,
-0.6841

■ 36.8583, -15.0745,
-3.1605

■ 39.5297, -6.8265,
0.3607

■ 36.4254, -16.3114,
-3.7533

■ 40.4360, -4.0011,
1.5037

■ 36.0802, -17.2186,
-4.2297

■ 41.4353, -0.9117,
2.7365

■ 35.8167, -17.8126,
-4.5950

■ 42.5251, 2.4167,
4.0501

■ 35.6187, -18.1519,
-4.8694

■ 43.7023, 5.9587,
5.4354

■ 35.5425, -18.2747,
-4.9753

■ 44.9635, 9.6894,
6.8836

■ 46.3050, 13.5850,
8.3866

■ 47.7230, 17.6236,
9.9368

Harmonies

Analogous

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



38.0029, -12.0426, 3.7737



38.0021, -11.5944, -1.6236



38.0029, -8.6682, -6.6410

Triad

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



38.0029, -11.5948, -1.6230



38.0029, 6.5725, -5.0757



38.0029, -0.1767, 10.8203

Complementary

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



38.0021, -11.5944, -1.6236



29.9268, 10.7987, 6.1413

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.



38.0029, 5.0981, 9.1063



38.0021, -11.5944, -1.6236



38.0029, 9.1408, 0.2807

Square

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



38.0029, -11.5948, -1.6230



38.0029, 1.7424, -8.8254



38.0029, 8.5861, 5.4234



38.0029, -5.6603, 10.4634

Rectangle

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



38.0021, -11.5944, -1.6236



38.0029, -5.6066, -8.8500



38.0029, 8.5861, 5.4234



38.0029, 1.6845, 10.4780

Sweetspot

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



38.0029, -11.5948, -1.6230



52.9483, -7.3418, 1.1718



37.3383, -17.5808, 12.5007



25.4062, -3.7074, 0.4919



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.0029, -11.5948, -1.6230



49.6990, -17.4618, -3.0557



32.2928, -2.9864, -9.3827



19.4985, -2.3714, 0.5578



37.4951, -19.2753, -5.2558



83.5704, -42.8821, -11.8857

Inverse Universe

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



30.8789, 17.0808, -10.6717



38.4196, 28.4944, -18.0150



34.7804, 1.5485, 10.7129



18.5799, 1.2164, -0.4539



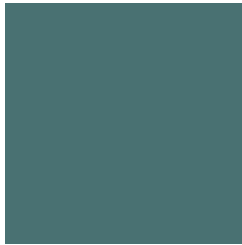
22.9458, 44.8854, -28.5063



51.1939, 100.1142, -63.3767

Previews

White Background



This preview shows how the HunterLab color 38.0021, -11.5944, -1.6236 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 38.0021, -11.5944, -1.6236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

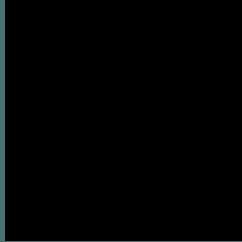
Any Text WCAG AA × Fail

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 38.0021, -11.5944, -1.6236 Background



This preview shows how black text looks on a background with the HunterLab color 38.0021, -11.5944, -1.6236.



This preview shows how white text looks on a background with the HunterLab color 38.0021,

-11.5944, -1.6236.

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

38.0021, -11.5944, -1.6236

Protanopia

37.8591, -0.8333, 0.6561

Deuteranopia

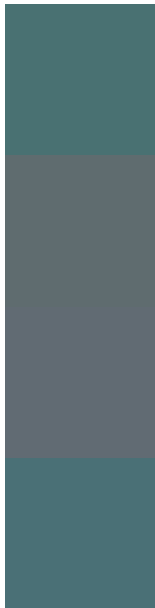
37.8695, 2.3493, -2.4930



Tritanopia

38.0325, -9.5465, -4.9315

Trichromacy



Original Color

38.0021, -11.5944, -1.6236

Protanomaly

37.8229, -5.0690, -0.3570

Deuteranomaly

37.8082, -3.4574, -2.1986

Tritanomaly

37.8843, -10.2836, -3.6598

Monochromacy



Original Color

38.0021, -11.5944, -1.6236

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5621, -5.5573, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0021, -11.5944, -1.6236 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(73, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(73, 113, 114)  
}
```

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(73, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 113, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0021, -11.5944, -1.6236 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(73, 113, 114) }
```


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

```
.border{ border-color:rgb(73, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(73, 113,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0021, -11.5944, -1.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 113, 114) }
```

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

```
.background{ background-color: rgb(73, 113,  
114) }
```

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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