

Converting Colors

HunterLab(38.2009, -20.9163,
-1.4571)

Have a look what the booklet for
HunterLab(38.2009, -20.9163,
-1.4571) contains.

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Color

**HunterLab(38.0614,
-20.7146, -1.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7772
RGB	12, 119, 114
RGB Percent	5%, 47%, 45%
CMY	0.9529, 0.5333, 0.5529
CMYK	0.90, 0.00, 0.04, 0.53
HSL	177°, 82%, 26%
HSV	177°, 90%, 47%
XYZ	9.7857, 14.4867, 18.2000
YIQ	86.4370, -62.1670, -24.2390

Conversions

Conversions Part 2

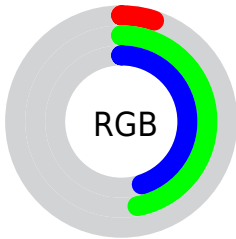
Format	Color
RYB	12, 67, 119
Decimal	817010
CIELab	44.92, -28.25, -5.13
CIElCh	45, 28.717, 190.292
Yxy	14.4872, 0.2304, 0.3411
Android (android.graphics.Color)	4279007090 (0xFF0C7772)
YUV	86.4370, 13.5886, -65.2812
Hunter-Lab	38.0614, -20.7146, -1.7080

Details

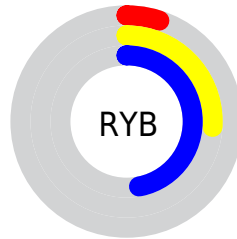
The HunterLab color $38.0614, -20.7146, -1.7080$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $20.5567, 32.1103, 11.6981$, and the grayscale version is $30.6354, -1.6346, 1.6645$.

A 20% lighter version of the original color is $58.3541, -25.2948, -1.1402$, and $21.8487, -12.3081, -0.7393$ is the 20% darker color. If you saturate the color by 10%, you get $37.9435, -21.2197, -1.6084$, and if you desaturate by 10%, it is $38.2293, -20.0194, -1.7421$.

Distribution



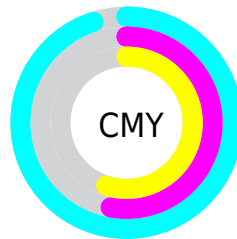
- Red (5%)
- Green (47%)
- Blue (45%)



- Red (5%)
- Yellow (26%)
- Blue (47%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (95%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0614, -20.7146, -1.7080 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 38.0614, -20.7146, -1.7080 by changing the saturation by 10% instead.

■ 38.0614, -20.7146,
-1.7080

■ 38.0614, -20.7146,
-1.7080

■ 148.4053,
-39.3292, 2.2985

■ 29.0866, -18.2625,
-1.9047

■ 58.2676, -25.2417,
-1.1325

■ 20.9544, -15.6124,
-2.0302

■ 69.3951, -27.3788,
-0.7668

■ 13.7642, -12.6600,
-2.0708

■ 81.1527, -29.4575,
-0.3549

■ 7.3830, -12.9203,
-2.4787

■ 93.5082, -31.4905,
0.1000

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4340,
-33.4876, 0.5950

0.0000, NaN, NaN

■ 119.9059,

0.0000, NaN, NaN

-35.4560, 1.1277

0.0000, NaN, NaN

133.9027,
-37.4017, 1.6961

■ 38.0614, -20.7146,
-1.7080

■ 38.0614, -20.7146,
-1.7080

■ 37.9435, -21.2197,
-1.6084

■ 38.2293, -20.0194,
-1.7421

■ 37.9424, -21.2243,
-1.6074

■ 38.4788, -19.0047,
-1.6670

■ 38.8185, -17.6469,
-1.4721

■ 39.2542, -15.9340,
-1.1513

■ 39.7899, -13.8643,
-0.7018

■ 40.4280, -11.4448,
-0.1236

■ 41.1695, -8.6900,
0.5802

■ 42.0141, -5.6199,
1.4046

■ 42.9606, -2.2591,
2.3429

Harmonies

Analogous

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



38.0621, -19.9942, 8.2605



38.0614, -20.7146, -1.7080



38.0621, -16.8815, -13.4004

Triad

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



38.0621, -20.7147, -1.7075



38.0621, 12.6587, -16.7279



38.0621, 5.3778, 16.5800

Complementary

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



38.0614, -20.7146, -1.7080



20.5567, 32.1103, 11.6981

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.



38.0621, 15.5113, 12.9359



38.0614, -20.7146, -1.7080



38.0621, 20.0347, -5.3699

Square

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



38.0621, -20.7147, -1.7075



38.0621, 1.8265, -23.5683



38.0621, 21.1342, 5.4994



38.0621, -5.7445, 17.0448

Rectangle

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



38.0614, -20.7146, -1.7080



38.0621, -11.9730, -19.9173



38.0621, 21.1342, 5.4994



38.0621, 9.0451, 15.7483

Sweetspot

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



38.0621, -20.7147, -1.7075



54.3074, -14.5343, 0.0294



36.5283, -30.2013, 21.4147



26.3151, -7.5354, -0.1003



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.0621, -20.7147, -1.7075



50.7673, -28.4352, -2.0711



24.2866, -0.4188, -27.6502



20.3776, -2.5821, 0.7180



39.1079, -21.8796, -1.6497



86.3105, -48.4248, -3.3453

Inverse Universe

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



20.5567, 32.1103, 11.6981



26.5312, 45.4955, 16.6783



26.8269, 14.9231, 16.0223



19.2442, 0.5517, 1.4688



20.4435, 35.0715, 12.7347



45.0902, 77.2756, 28.6932

Previews

White Background



This preview shows how the HunterLab color 38.0614, -20.7146, -1.7080 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 38.0614, -20.7146, -1.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

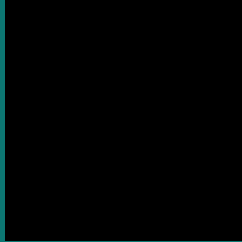
Any Text WCAG AA × Fail

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 38.0614, -20.7146, -1.7080 Background



This preview shows how black text looks on a background with the HunterLab color 38.0614, -20.7146, -1.7080.



This preview shows how white text looks on a background with the HunterLab color 38.0614,

-20.7146, -1.7080.

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

38.0614, -20.7146, -1.7080

Protanopia

37.8575, -1.0064, 1.9547

Deuteranopia

37.9315, 2.6819, -3.3703



Tritanopia

38.0812, -16.6236, -8.0868

Trichromacy



Original Color

38.0614, -20.7146, -1.7080

Protanomaly

36.9763, -11.2019, -0.6104

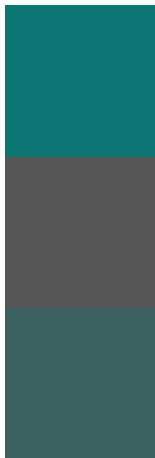
Deuteranomaly

37.0371, -8.9996, -4.2767

Tritanomaly

38.1216, -18.3805, -5.4679

Monochromacy



Original Color

38.0614, -20.7146, -1.7080

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.4187, -11.1278, -0.4576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0614, -20.7146, -1.7080 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(12, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(12, 119, 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(12, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 119, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0614, -20.7146, -1.7080 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(12, 119, 114) }
```


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

```
.border{ border-color:rgb(12, 119, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(12, 119,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0614, -20.7146, -1.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 119, 114) }
```

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

```
.background{ background-color: rgb(12, 119,  
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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