

Converting Colors

HunterLab(38.0272, -15.4966,
-21.9712)

Have a look what the booklet for
HunterLab(38.0272, -15.4966,
-21.9712) contains.

HunterLab(38.6324, -12.7786, -20.7018)	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(38.6324,
-12.7786, -20.7018)**

Conversions

Conversions Part 1

Format	Color
Hex	007596
RGB	0, 117, 150
RGB Percent	0%, 46%, 59%
CMY	0.9999, 0.5412, 0.4118
CMYK	1.00, 0.22, 0.00, 0.41
HSL	193°, 100%, 29%
HSV	193°, 100%, 59%
XYZ	11.8663, 14.9246, 31.1095
YIQ	85.7790, -80.3250, -14.5410

Conversions

Conversions Part 2

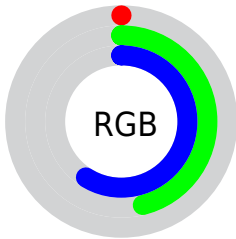
Format	Color
RYB	0, 66, 150
Decimal	30102
CIELab	45.53, -15.32, -25.64
CIELCh	46, 29.867, 239.140
Yxy	14.9251, 0.2049, 0.2578
Android (android.graphics.Color)	4278220182 (0xFF007596)
YUV	85.7790, 31.6610, -75.2282
Hunter-Lab	38.6324, -12.7786, -20.7018

Details

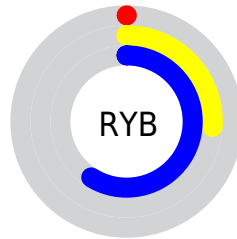
The HunterLab color **38.6324, -12.7786, -20.7018** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.5193, 36.9580, 17.6028**, and the grayscale version is **30.3366, -1.6187, 1.6482**.

A 20% lighter version of the original color is **58.8786, -15.6245, -21.5188**, and **22.7092, -5.3113, -16.9189** is the 20% darker color. If you saturate the color by 10%, you get **38.6313, -12.7769, -20.7041**, and if you desaturate by 10%, it is **39.7612, -13.6663, -18.7651**.

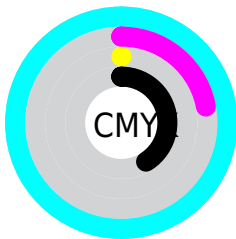
Distribution



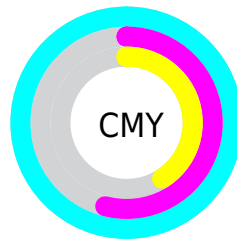
- Red (0%)
- Green (46%)
- Blue (59%)



- Red (0%)
- Yellow (26%)
- Blue (59%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6324, -12.7786, -20.7018 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 38.6324, -12.7786, -20.7018 by changing the saturation by 10% instead.

■ 38.6324, -12.7786,
-20.7018

■ 38.6324, -12.7786,
-20.7018

■ 149.3026,
-25.3841, -23.1247

■ 29.6089, -11.2755,
-20.1704

■ 58.9252, -15.6602,
-21.6339

■ 21.4229, -9.7000,
-19.6433

■ 70.0921, -17.0660,
-22.0155

■ 14.1720, -8.0057,
-19.2368

■ 81.8868, -18.4592,
-22.3380

■ 7.8254, -8.9489,
-20.0159

■ 94.2778, -19.8454,
-22.6026

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.2374,
-21.2282, -22.8113

0.0000, NaN, NaN

■ 120.7418,

0.0000, NaN, NaN

-22.6109, -22.9663

0.0000, NaN, NaN

134.7698,
-23.9955, -23.0700

■ 38.6324, -12.7786,
-20.7018

■ 38.6324, -12.7786,
-20.7018

■ 38.6313, -12.7769,
-20.7041

■ 39.7612, -13.6663,
-18.7651

■ 40.9808, -14.2250,
-16.7428

■ 42.3251, -14.3294,
-14.5904

■ 43.7982, -13.9668,
-12.3168

■ 45.4007, -13.1426,
-9.9363

■ 47.1302, -11.8747,
-7.4655

■ 48.9832, -10.1892,
-4.9211

■ 50.9545, -8.1166,
-2.3189

■ 53.0386, -5.6900,
0.3270

Harmonies

Analogous

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



38.6331, -19.5642, -9.6246



38.6324, -12.7786, -20.7018



38.6331, -2.3953, -25.4443

Triad

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



38.6331, -12.7783, -20.7011



38.6331, 22.6640, 1.7853



38.6331, -12.2655, 16.3479

Complementary

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



38.6324, -12.7786, -20.7018



27.5193, 36.9580, 17.6028

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.



38.6331, -1.7304, 17.7923



38.6324, -12.7786, -20.7018



38.6331, 19.2420, 11.0181

Square

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



38.6331, -12.7783, -20.7011



38.6331, 18.8416, -10.3374



38.6331, 9.9637, 16.1671



38.6331, -19.2934, 11.4226

Rectangle

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



38.6324, -12.7786, -20.7018



38.6331, 5.4681, -23.5590



38.6331, 9.9637, 16.1671



38.6331, -9.0588, 17.1793

Sweetspot

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



38.6331, -12.7783, -20.7011



64.9174, -13.6867, -6.7449



46.8191, -39.3297, 26.3835



30.1132, -6.8673, -3.7834



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



38.6331, -12.7783, -20.7011



51.0591, -16.6123, -27.9583



19.7358, 22.9110, -74.1220



25.1951, -2.5965, 0.2549



35.2502, -11.7310, -18.7359



4.4165, -1.9803, -1.2453

Inverse Universe

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



27.8729, 52.3365, -17.7088



36.9897, 69.4003, -23.0297



41.3590, 4.8272, 25.5687



24.2643, 1.5385, -0.1377



25.3924, 47.6991, -16.2569



2.8854, 5.5455, -2.8193

Previews

White Background



This preview shows how the HunterLab color 38.6324, -12.7786, -20.7018 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 38.6324, -12.7786, -20.7018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

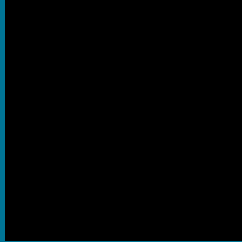
Any Text WCAG AA × Fail

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 38.6324, -12.7786, -20.7018 Background



This preview shows how black text looks on a background with the HunterLab color 38.6324, -12.7786, -20.7018.



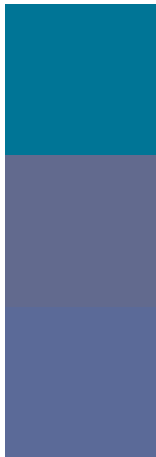
This preview shows how white text looks on a background with the HunterLab color 38.6324, -12.7786, -20.7018.

-12.7786, -20.7018.

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

38.6324, -12.7786, -20.7018

Protanopia

38.5457, 2.3484, -15.5709

Deuteranopia

38.4697, 2.9087, -22.0271



Tritanopia

38.7530, -18.6295, -8.2220

Trichromacy



Original Color

38.6324, -12.7786, -20.7018

Protanomaly

37.7098, -6.0027, -18.9865

Deuteranomaly

37.7965, -5.1897, -22.7284

Tritanomaly

38.7296, -16.5620, -12.6560

Monochromacy



Original Color

38.6324, -12.7786, -20.7018

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.3508, -9.1039, -6.7408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6324, -12.7786, -20.7018 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(0, 117, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 150)  
}
```

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(0, 117, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6324, -12.7786, -20.7018 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(0, 117, 150) }
```


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

```
.border{ border-color:rgb(0, 117, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6324, -12.7786, -20.7018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 150) }
```

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

```
.background{ background-color: rgb(0, 117,  
150) }
```

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