

Converting Colors

HunterLab(40.4063, -13.8616,
2.1704)

Have a look what the booklet for
HunterLab(40.4063, -13.8616,
2.1704) contains.

HunterLab(40.3300, -13.6346, 2.0766)	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(40.3300,
-13.6346, 2.0766)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7870
RGB	79, 120, 112
RGB Percent	31%, 47%, 44%
CMY	0.6902, 0.5294, 0.5608
CMYK	0.34, 0.00, 0.07, 0.53
HSL	168°, 21%, 39%
HSV	168°, 34%, 47%
XYZ	12.8656, 16.2651, 17.7906
YIQ	106.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

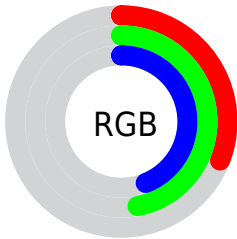
Format	Color
R_{YB}	79, 102, 120
Decimal	5208176
CIE _{Lab}	47.32, -16.21, -0.16
CIE _{LCh}	47, 16.210, 180.583
Yxy	16.2657, 0.2742, 0.3466
Android (android.graphics.Color)	4283398256 (0xFF4F7870)
YUV	106.8290, 2.5493, -24.4060
Hunter-Lab	40.3300, -13.6346, 2.0766

Details

The HunterLab color **40.3300, -13.6346, 2.0766** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.0525, 12.1984, 3.2838**, and the grayscale version is **38.2765, -2.0423, 2.0796**.

A 20% lighter version of the original color is **60.7711, -16.2952, 2.8956**, and **22.7331, -10.3873, 1.1757** is the 20% darker color. If you saturate the color by 10%, you get **39.6803, -16.2348, 2.2696**, and if you desaturate by 10%, it is **41.0859, -10.6934, 2.0086**.

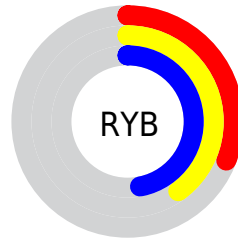
Distribution



Red (31%)

Green (47%)

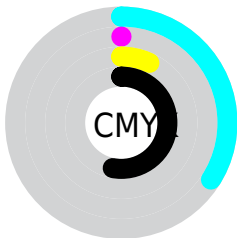
Blue (44%)



Red (31%)

Yellow (40%)

Blue (47%)

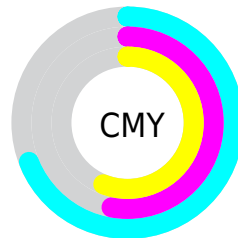


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3300, -13.6346, 2.0766 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 40.3300, -13.6346, 2.0766 by changing the saturation by 10% instead.

■ 40.3300, -13.6346,
2.0766

■ 40.3300, -13.6346,
2.0766

151.9555,
-26.6240, 8.0876

■ 31.1647, -12.0808,
1.5879

■ 60.8761, -16.6138,
3.1782

■ 22.8225, -10.4523,
1.1445

■ 72.1579, -18.0650,
3.7844

■ 15.3955, -8.7051,
0.7522

■ 84.0615, -19.5020,
4.4248

■ 9.0028, -8.3262,
0.4141

■ 96.5561, -20.9302,
5.0978

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.6149,
-22.3538, 5.8019

0.0000, NaN, NaN

123.2145,

0.0000, NaN, NaN

-23.7757, 6.5356

0.0000, NaN, NaN

137.3342,
-25.1985, 7.2979

■ 40.3300, -13.6346,
2.0766

■ 40.3300, -13.6346,
2.0766

■ 39.6803, -16.2348,
2.2696

■ 41.0859, -10.6934,
2.0086

■ 39.1331, -18.4771,
2.5827

■ 41.9454, -7.4313,
2.0649

■ 38.6866, -20.3546,
3.0102

■ 42.9081, -3.8746,
2.2443

■ 38.3364, -21.8696,
3.5432

■ 43.9719, -0.0518,
2.5436

■ 38.0759, -23.0357,
4.1696

■ 45.1339, 4.0074,
2.9577

■ 37.8941, -23.8889,
4.8718

■ 46.3906, 8.2737,
3.4806

■ 37.8006, -24.3362,
5.2873

■ 47.7382, 12.7189,
4.1055

■ 49.1726, 17.3166,
4.8252

■ 50.6897, 22.0430,
5.6323

Harmonies

Analogous

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



40.3308, -12.2336, 7.4862



40.3300, -13.6346, 2.0766



40.3308, -12.1220, -4.1621

Triad

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



40.3308, -13.6351, 2.0772



40.3308, 4.2379, -9.1192



40.3308, 4.0102, 11.0471

Complementary

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



40.3300, -13.6346, 2.0766



32.0525, 12.1984, 3.2838

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.



40.3308, 8.8870, 7.6613



40.3300, -13.6346, 2.0766



40.3308, 9.0242, -3.9263

Square

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



40.3308, -13.6351, 2.0772



40.3308, -2.0300, -11.2082



40.3308, 10.7748, 2.3131



40.3308, -2.2781, 12.1554

Rectangle

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



40.3300, -13.6346, 2.0766



40.3308, -9.6068, -7.8310



40.3308, 10.7748, 2.3131



40.3308, 5.8825, 10.1663

Sweetspot

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



40.3308, -13.6351, 2.0772



56.1116, -8.0501, 2.8124



40.0425, -16.2359, 13.4365



27.2466, -4.1769, 1.3574



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.



40.3308, -13.6351, 2.0772



52.7979, -20.8244, 2.9410



36.9877, -7.0773, -5.8171



21.2124, -2.8300, 1.0705



39.4787, -25.4333, 5.5582



86.1535, -55.9734, 13.1460

Inverse Universe

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



32.0525, 12.1984, 3.2838



39.5504, 20.7847, 5.0132



34.7731, 5.4914, 8.9101



20.0665, 0.7084, 1.2185



21.0328, 36.3405, 11.1010



45.8297, 78.9735, 25.8251

Previews

White Background



This preview shows how the HunterLab color 40.3300, -13.6346, 2.0766 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 40.3300, -13.6346, 2.0766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

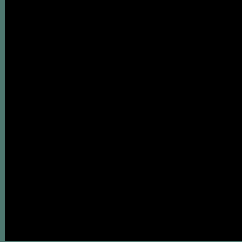
Any Text WCAG AA × Fail

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 40.3300, -13.6346, 2.0766 Background



This preview shows how black text looks on a background with the HunterLab color 40.3300, -13.6346, 2.0766.



This preview shows how white text looks on a background with the HunterLab color 40.3300,

-13.6346, 2.0766.

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

40.3300, -13.6346, 2.0766

Protanopia

40.0940, -1.5651, 4.1086

Deuteranopia

40.0062, 2.6495, 1.1049



Tritanopia

40.4081, -9.4159, -4.7266

Trichromacy



Original Color

40.3300, -13.6346, 2.0766

Protanomaly

39.9544, -6.2252, 3.0411

Deuteranomaly

39.8055, -3.6566, 1.1939

Tritanomaly

40.4878, -10.9418, -2.2060

Monochromacy



Original Color

40.3300, -13.6346, 2.0766

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.0306, -6.6355, 1.9565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3300, -13.6346, 2.0766 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(79, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 112)  
}
```

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(79, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3300, -13.6346, 2.0766 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(79, 120, 112) }
```


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

```
.border{ border-color:rgb(79, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3300, -13.6346, 2.0766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 112) }
```

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

```
.background{ background-color: rgb(79, 120,  
112) }
```

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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