

Converting Colors

HunterLab(37.0622, -35.2335,
-11.5572)

Have a look what the booklet for
HunterLab(37.0622, -35.2335,
-11.5572) contains.

HunterLab(40.6613, -20.7165, -6.1020)	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(40.6613,
-20.7165, -6.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	007E82
RGB	0, 126, 130
RGB Percent	0%, 49%, 51%
CMY	0.9999, 0.5059, 0.4902
CMYK	1.00, 0.03, 0.00, 0.49
HSL	182°, 100%, 25%
HSV	182°, 100%, 51%
XYZ	11.4901, 16.5334, 23.7047
YIQ	88.7820, -76.3800, -25.4680

Conversions

Conversions Part 2

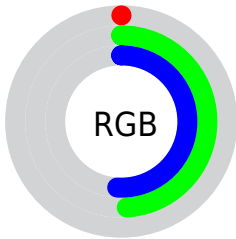
Format	Color
RYB	0, 64, 130
Decimal	32386
CIELab	47.67, -27.20, -10.54
CIELCh	48, 29.169, 201.193
Yxy	16.5340, 0.2221, 0.3196
Android (android.graphics.Color)	4278222466 (0xFF007E82)
YUV	88.7820, 20.3205, -77.8618
Hunter-Lab	40.6613, -20.7165, -6.1020

Details

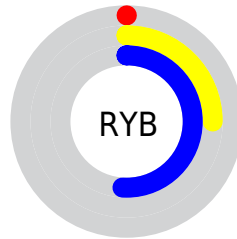
The HunterLab color **40.6613, -20.7165, -6.1020** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.9844, 36.6297, 14.1865**, and the grayscale version is **31.4767, -1.6795, 1.7102**.

A 20% lighter version of the original color is **61.1988, -25.0008, -6.1297**, and **24.0062, -11.7506, -4.6394** is the 20% darker color. If you saturate the color by 10%, you get **40.6617, -20.7169, -6.1019**, and if you desaturate by 10%, it is **40.8927, -20.4562, -5.7811**.

Distribution



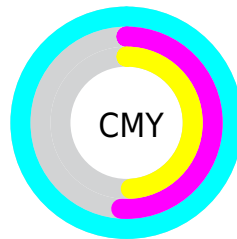
- Red (0%)
- Green (49%)
- Blue (51%)



- Red (0%)
- Yellow (25%)
- Blue (51%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6613, -20.7165, -6.1020 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 40.6613, -20.7165, -6.1020 by changing the saturation by 10% instead.

40.6613, -20.7165,
-6.1020

40.6613, -20.7165,
-6.1020

152.4705,
-38.7172, -3.9271

31.4688, -18.3843,
-6.0540

61.2559, -25.0552,
-5.9870

23.0967, -15.8834,
-5.9262

72.5598, -27.1147,
-5.8381

15.6361, -13.1293,
-5.7097

84.4844, -29.1235,
-5.6349

9.2132, -13.3549,
-5.4106

96.9990, -31.0926,
-5.3815

0.0000, NaN, -NF

0.0000, NaN, NaN

110.0769,
-33.0307, -5.0813

0.0000, NaN, NaN

123.6948,

0.0000, NaN, NaN

-34.9442, -4.7372

0.0000, NaN, NaN

137.8322,
-36.8383, -4.3517

■ 40.6613, -20.7165,
-6.1020

■ 40.6613, -20.7165,
-6.1020

■ 40.6617, -20.7169,
-6.1019

■ 40.8927, -20.4562,
-5.7811

■ 41.1815, -19.9691,
-5.3798

■ 41.5624, -19.1264,
-4.8517

■ 42.0439, -17.9016,
-4.1885

■ 42.6321, -16.2818,
-3.3868

■ 43.3307, -14.2657,
-2.4475

■ 44.1419, -11.8618,
-1.3745

■ 45.0661, -9.0865,
-0.1747

■ 46.1025, -5.9623,
1.1432

Harmonies

Analogous

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



40.6620, -21.7069, 5.2888



40.6613, -20.7165, -6.1020



40.6620, -15.0600, -17.7030

Triad

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



40.6620, -20.7165, -6.1014



40.6620, 16.4292, -13.2062



40.6620, 1.2515, 17.9377

Complementary

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



40.6613, -20.7165, -6.1020



21.9844, 36.6297, 14.1865

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.



40.6620, 12.5531, 15.3765



40.6613, -20.7165, -6.1020



40.6620, 21.9299, -1.1228

Square

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



40.6620, -20.7165, -6.1014



40.6620, 6.0900, -22.5305



40.6620, 20.4381, 9.0747



40.6620, -9.8225, 17.2894

Rectangle

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



40.6613, -20.7165, -6.1020



40.6620, -9.0234, -22.9957



40.6620, 20.4381, 9.0747



40.6620, 5.1658, 17.4572

Sweetspot

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



40.6620, -20.7165, -6.1014



58.4990, -15.9788, -1.9283



39.9630, -34.2247, 23.9328



27.6454, -8.1557, -1.1623



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.6620, -20.7165, -6.1014



53.9223, -27.4467, -8.1487



22.6925, 5.8983, -41.0934



22.0566, -2.7036, 0.6053



39.8183, -20.2888, -5.9718

0.0000, NaN, NaN

Inverse Universe

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



25.0054, 48.8425, -30.5403



33.1761, 64.7986, -40.4499



29.6331, 15.7505, 18.5344



21.0005, 1.4356, -0.5415



24.4849, 47.8307, -29.9116

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6613, -20.7165, -6.1020 looks on a white background.

Color Contrast Check

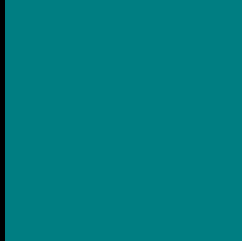
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6613, -20.7165, -6.1020 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 40.6613, -20.7165, -6.1020 Background



This preview shows how black text looks on a background with the HunterLab color 40.6613, -20.7165, -6.1020.



This preview shows how white text looks on a background with the HunterLab color 40.6613,

-20.7165, -6.1020.

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

40.6613, -20.7165, -6.1020

Protanopia

40.5137, -0.7238, -1.5211

Deuteranopia

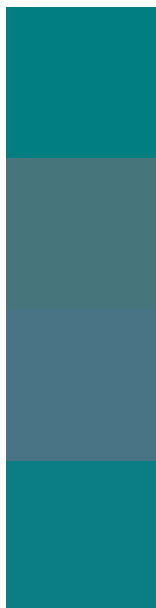
40.5592, 3.0389, -7.9245



Tritanopia

40.6757, -18.7140, -8.6747

Trichromacy



Original Color

40.6613, -20.7165, -6.1020

Protanomaly

39.3921, -11.8506, -4.6351

Deuteranomaly

39.4977, -9.3464, -9.1351

Tritanomaly

40.5362, -19.3945, -7.8178

Monochromacy



Original Color

40.6613, -20.7165, -6.1020

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.7225, -11.7069, -2.4516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6613, -20.7165, -6.1020 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, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 130)  
}
```

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, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6613, -20.7165, -6.1020 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, 126, 130) }
```


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

```
.border{ border-color:rgb(0, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6613, -20.7165, -6.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 130) }
```

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

```
.background{ background-color: rgb(0, 126,  
130) }
```

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