

Converting Colors

HunterLab(40.2804, -26.4144,
6.6742)

Have a look what the booklet for
HunterLab(40.2804, -26.4144,
6.6742) contains.

HunterLab(40.4456, -26.5607, 6.7834)	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(40.4456,
-26.5607, 6.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	008064
RGB	0, 128, 100
RGB Percent	0%, 50%, 39%
CMY	1.0000, 0.4980, 0.6078
CMYK	1.00, 0.00, 0.22, 0.50
HSL	167°, 100%, 25%
HSV	167°, 100%, 50%
XYZ	10.0194, 16.3585, 14.6860
YIQ	86.5360, -67.3000, -35.8440

Conversions

Conversions Part 2

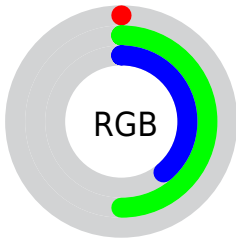
Format	Color
RYB	0, 72, 128
Decimal	32868
CIELab	47.44, -37.26, 6.81
CIELCh	47, 37.876, 169.636
Yxy	16.3591, 0.2440, 0.3984
Android (android.graphics.Color)	4278222948 (0xFF008064)
YUV	86.5360, 6.6378, -75.8921
Hunter-Lab	40.4456, -26.5607, 6.7834

Details

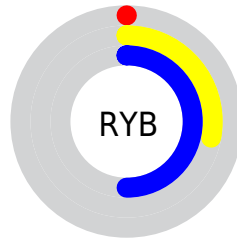
The HunterLab color **40.4456, -26.5607, 6.7834** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.6182, 37.4074, 10.9611**, and the grayscale version is **30.6975, -1.6379, 1.6679**.

A 20% lighter version of the original color is **61.1167, -32.3660, 8.6901**, and **23.8869, -16.6414, 6.0675** is the 20% darker color. If you saturate the color by 10%, you get **40.4463, -26.5615, 6.7844**, and if you desaturate by 10%, it is **40.6181, -25.7258, 5.9238**.

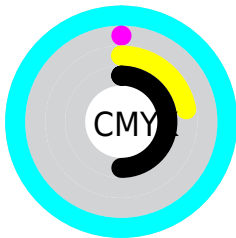
Distribution



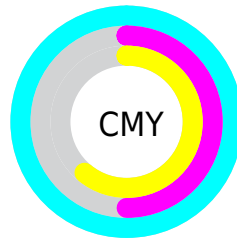
- Red (0%)
- Green (50%)
- Blue (39%)



- Red (0%)
- Yellow (28%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4456, -26.5607, 6.7834 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 40.4456, -26.5607, 6.7834 by changing the saturation by 10% instead.

40.4456, -26.5607,
6.7834

40.4456, -26.5607,
6.7834

152.1353,
-49.3356, 15.6765

31.2708, -23.4743,
5.8579

61.0086, -32.2088,
8.6564

22.9182, -20.1223,
4.9294

72.2981, -34.8501,
9.6107

15.4794, -16.3810,
3.9833

84.2091, -37.4038,
10.5799

9.0768, -15.8845,
3.6060

96.7107, -39.8870,
11.5649

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7762,
-42.3126, 12.5668

0.0000, NaN, NaN

123.3822,

0.0000, NaN, NaN

-44.6908, 13.5858

0.0000, NaN, NaN

137.5081,
-47.0297, 14.6223

■ 40.4456, -26.5607,
6.7834

■ 40.4456, -26.5607,
6.7834

■ 40.4463, -26.5615,
6.7844

■ 40.6181, -25.7258,
5.9238

■ 40.8482, -24.6554,
5.1043

■ 41.1705, -23.2196,
4.3693

■ 41.5937, -21.3950,
3.7346

■ 42.1239, -19.1721,
3.2127

■ 42.7651, -16.5534,
2.8132

■ 43.5196, -13.5514,
2.5425

■ 44.3880, -10.1863,
2.4041

■ 45.3696, -6.4844,
2.3986

Harmonies

Analogous

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



40.4464, -21.6740, 16.1236



40.4456, -26.5607, 6.7834



40.4464, -25.6650, -8.0150

Triad

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



40.4464, -26.5609, 6.7838



40.4464, 7.8744, -32.5833



40.4464, 18.0128, 17.8956

Complementary

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



40.4456, -26.5607, 6.7834



21.6182, 37.4074, 10.9611

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.



40.4464, 28.3514, 10.2970



40.4456, -26.5607, 6.7834



40.4464, 21.9392, -19.5996

Square

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



40.4464, -26.5609, 6.7838



40.4464, -7.1634, -34.6008



40.4464, 29.8836, -2.9886



40.4464, 3.0985, 20.8270

Rectangle

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



40.4456, -26.5607, 6.7834



40.4464, -21.8603, -19.2047



40.4464, 29.8836, -2.9886



40.4464, 22.2244, 15.9638

Sweetspot

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



40.4464, -26.5609, 6.7838



57.6703, -18.2747, 3.3930



39.6397, -32.2136, 23.8615



27.7263, -9.5480, 1.6959



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.



40.4464, -26.5609, 6.7838



53.6467, -35.3678, 9.2953



30.8886, -8.4731, -20.3161



22.0710, -2.9791, 1.1674



40.2750, -26.4473, 6.7519

0.0000, NaN, NaN

Inverse Universe

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



21.6182, 37.4074, 10.9611



28.6513, 49.5164, 15.0243



23.9614, 28.6775, 15.2663



20.8770, 0.7721, 1.2157



21.5264, 37.2517, 10.9091

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4456, -26.5607, 6.7834 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 40.4456, -26.5607, 6.7834 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 40.4456, -26.5607, 6.7834 Background



This preview shows how black text looks on a background with the HunterLab color 40.4456, -26.5607, 6.7834.



This preview shows how white text looks on a background with the HunterLab color 40.4456,

-26.5607, 6.7834.

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

40.4456, -26.5607, 6.7834

Protanopia

40.3522, -2.7870, 9.9389

Deuteranopia

40.1998, 2.7623, 5.5032



Tritanopia

40.4206, -16.5903, -8.4666

Trichromacy



Original Color

40.4456, -26.5607, 6.7834

Protanomaly

39.1402, -15.9378, 7.4390

Deuteranomaly

38.6603, -12.7709, 3.9195

Tritanomaly

40.3473, -20.8484, -2.5600

Monochromacy



Original Color

40.4456, -26.5607, 6.7834

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

33.2982, -13.9998, 2.2443

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4456, -26.5607, 6.7834 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, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 100)  
}
```

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, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4456, -26.5607, 6.7834 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, 128, 100) }
```


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

```
.border{ border-color:rgb(0, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4456, -26.5607, 6.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 100) }
```

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

```
.background{ background-color: rgb(0, 128,  
100) }
```

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