

Converting Colors

HunterLab(38.2268, -38.4093,
3.6370)

Have a look what the booklet for
HunterLab(38.2268, -38.4093,
3.6370) contains.

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Color

**HunterLab(40.7923,
-26.7564, 6.7727)**

Conversions

Conversions Part 1

Format	Color
Hex	008165
RGB	0, 129, 101
RGB Percent	0%, 51%, 40%
CMY	1.0000, 0.4941, 0.6039
CMYK	1.00, 0.00, 0.22, 0.49
HSL	167°, 100%, 25%
HSV	167°, 100%, 51%
XYZ	10.1992, 16.6401, 14.9862
YIQ	87.2370, -67.8960, -36.0560

Conversions

Conversions Part 2

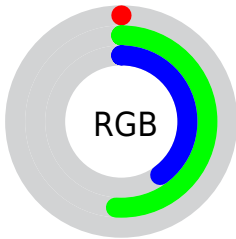
Format	Color
RYB	0, 72, 129
Decimal	33125
CIELab	47.80, -37.41, 6.74
CIELCh	48, 38.017, 169.782
Yxy	16.6408, 0.2439, 0.3978
Android (android.graphics.Color)	4278223205 (0xFF008165)
YUV	87.2370, 6.7852, -76.5068
Hunter-Lab	40.7923, -26.7564, 6.7727

Details

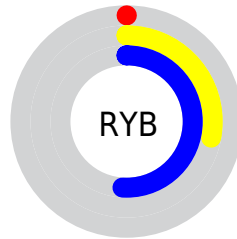
The HunterLab color **40.7923, -26.7564, 6.7727** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.7978, 37.7114, 11.1016**, and the grayscale version is **30.9544, -1.6516, 1.6818**.

A 20% lighter version of the original color is **61.5138, -32.4659, 8.7043**, and **24.2039, -16.8264, 6.0706** is the 20% darker color. If you saturate the color by 10%, you get **40.7929, -26.7574, 6.7739**, and if you desaturate by 10%, it is **40.9651, -25.9199, 5.9099**.

Distribution



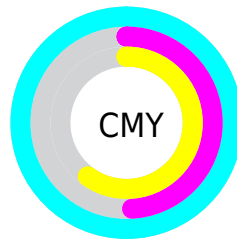
- Red (0%)
- Green (51%)
- Blue (40%)



- Red (0%)
- Yellow (28%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7923, -26.7564, 6.7727 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 40.7923, -26.7564, 6.7727 by changing the saturation by 10% instead.

40.7923, -26.7564,
6.7727

40.7923, -26.7564,
6.7727

152.6740,
-49.5812, 15.6408

31.5891, -23.6661,
5.8517

61.4061, -32.4146,
8.6384

23.2052, -20.3123,
4.9286

72.7187, -35.0615,
9.5896

15.7314, -16.5727,
3.9896

84.6516, -37.6210,
10.5559

9.2950, -16.2662,
3.5136

97.1740, -40.1099,
11.5383

0.0000, NaN, NaN

0.0000, NaN, NaN

110.2595,
-42.5413, 12.5377

0.0000, NaN, NaN

123.8846,

0.0000, NaN, NaN

-44.9252, 13.5544

0.0000, NaN, NaN

138.0290,
-47.2697, 14.5887

■ 40.7923, -26.7564,
6.7727

■ 40.7923, -26.7564,
6.7727

■ 40.7929, -26.7574,
6.7739

■ 40.9651, -25.9199,
5.9099

■ 41.1964, -24.8446,
5.0885

■ 41.5206, -23.4006,
4.3529

■ 41.9467, -21.5642,
3.7189

■ 42.4808, -19.3258,
3.1993

■ 43.1270, -16.6876,
2.8037

■ 43.8876, -13.6623,
2.5384

■ 44.7632, -10.2703,
2.4070

■ 45.7531, -6.5381,
2.4101

Harmonies

Analogous

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



40.7931, -21.8630, 16.2087



40.7923, -26.7564, 6.7727



40.7931, -25.8258, -8.1428

Triad

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



40.7931, -26.7566, 6.7731



40.7931, 7.9964, -32.7318



40.7931, 18.0572, 18.0511

Complementary

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



40.7923, -26.7564, 6.7727



21.7978, 37.7114, 11.1016

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.



40.7931, 28.4945, 10.4222



40.7923, -26.7564, 6.7727



40.7931, 22.1322, -19.6357

Square

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



40.7931, -26.7566, 6.7731



40.7931, -7.1466, -34.8242



40.7931, 30.0845, -2.9260



40.7931, 3.0387, 20.9878

Rectangle

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



40.7923, -26.7564, 6.7727



40.7931, -21.9754, -19.3977



40.7931, 30.0845, -2.9260



40.7931, 22.3041, 16.1122

Sweetspot

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



40.7931, -26.7566, 6.7731



58.6518, -18.5874, 3.4163



39.9735, -32.4918, 24.0621



27.7276, -9.5404, 1.6771



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.



40.7931, -26.7566, 6.7731



54.5671, -35.9339, 9.3669



31.1424, -8.5340, -20.5016



22.0713, -2.9776, 1.1635



40.2801, -26.4158, 6.6776

0.0000, NaN, NaN

Inverse Universe

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



21.7978, 37.7114, 11.1016



29.1350, 50.3430, 15.3499



24.1555, 28.9447, 15.3904



20.8767, 0.7706, 1.2195



21.5240, 37.2429, 10.9442

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7923, -26.7564, 6.7727 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 40.7923, -26.7564, 6.7727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

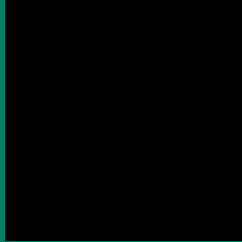
Any Text WCAG AA × Fail

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 40.7923, -26.7564, 6.7727 Background



This preview shows how black text looks on a background with the HunterLab color 40.7923, -26.7564, 6.7727.



This preview shows how white text looks on a background with the HunterLab color 40.7923,

-26.7564, 6.7727.

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

40.7923, -26.7564, 6.7727

Protanopia

40.7353, -2.8116, 9.9787

Deuteranopia

40.5823, 2.7470, 5.5293



Tritanopia

40.7623, -16.7892, -8.5166

Trichromacy



Original Color

40.7923, -26.7564, 6.7727

Protanomaly

39.4648, -16.1954, 7.4089

Deuteranomaly

39.0379, -12.8183, 3.9396

Tritanomaly

40.6921, -21.0419, -2.5974

Monochromacy



Original Color

40.7923, -26.7564, 6.7727

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 40.7923, -26.7564, 6.7727 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, 129, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 101)  
}
```

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, 129, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7923, -26.7564, 6.7727 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, 129, 101) }
```


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

```
.border{ border-color:rgb(0, 129, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7923, -26.7564, 6.7727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 101) }
```

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

```
.background{ background-color: rgb(0, 129,  
101) }
```

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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