

Converting Colors

HunterLab(40.5688, -25.8126,
5.0145)

Have a look what the booklet for
HunterLab(40.5688, -25.8126,
5.0145) contains.

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Color

**HunterLab(40.5688,
-25.8126, 5.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	008069
RGB	0, 128, 105
RGB Percent	0%, 50%, 41%
CMY	1.0000, 0.4980, 0.5882
CMYK	1.00, 0.00, 0.18, 0.50
HSL	169°, 100%, 25%
HSV	169°, 100%, 50%
XYZ	10.2690, 16.4583, 16.0001
YIQ	87.1060, -68.9050, -34.2890

Conversions

Conversions Part 2

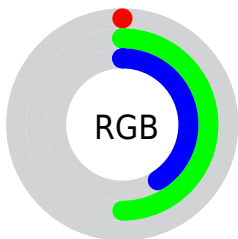
Format	Color
RYB	0, 70, 128
Decimal	32873
CIELab	47.57, -35.87, 4.06
CIELCh	48, 36.098, 173.536
Yxy	16.4589, 0.2403, 0.3852
Android (android.graphics.Color)	4278222953 (0xFF008069)
YUV	87.1060, 8.8217, -76.3920
Hunter-Lab	40.5688, -25.8126, 5.0145

Details

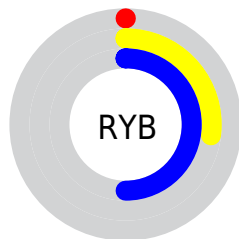
The HunterLab color **40.5688, -25.8126, 5.0145** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.5673, 37.2190, 11.7112**, and the grayscale version is **30.8992, -1.6487, 1.6788**.

A 20% lighter version of the original color is **61.2876, -31.4206, 6.7877**, and **23.9881, -16.0234, 4.6068** is the 20% darker color. If you saturate the color by 10%, you get **40.5694, -25.8134, 5.0155**, and if you desaturate by 10%, it is **40.7320, -25.0371, 4.2919**.

Distribution



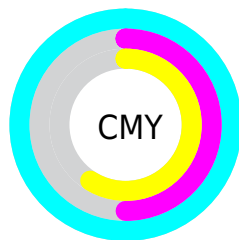
- Red (0%)
- Green (50%)
- Blue (41%)



- Red (0%)
- Yellow (27%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5688, -25.8126, 5.0145 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 40.5688, -25.8126, 5.0145 by changing the saturation by 10% instead.

40.5688, -25.8126,
5.0145

40.5688, -25.8126,
5.0145

152.3268,
-47.9121, 12.7505

31.3839, -22.8344,
4.2667

61.1499, -31.2740,
6.5755

23.0201, -19.6053,
3.5368

72.4476, -33.8328,
7.3897

15.5689, -16.0073,
2.8194

84.3664, -36.3094,
8.2269

9.1550, -16.0213,
2.3384

96.8754, -38.7200,
9.0869

0.0000, NaN, NaN

0.0000, NaN, NaN

109.9480,
-41.0769, 9.9695

0.0000, NaN, NaN

123.5608,

0.0000, NaN, NaN

-43.3897, 10.8746

0.0000, NaN, NaN

137.6932,
-45.6661, 11.8017

■ 40.5688, -25.8126,
5.0145

■ 40.5688, -25.8126,
5.0145

■ 40.5694, -25.8134,
5.0155

■ 40.7320, -25.0371,
4.2919

■ 40.9519, -24.0313,
3.6202

■ 41.2632, -22.6653,
3.0443

■ 41.6746, -20.9149,
2.5790

■ 42.1924, -18.7698,
2.2356

■ 42.8206, -16.2312,
2.0222

■ 43.5616, -13.3104,
1.9439

■ 44.4162, -10.0267,
2.0024

■ 45.3838, -6.4053,
2.1970

Harmonies

Analogous

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



40.5696, -21.8081, 14.7737



40.5688, -25.8126, 5.0145



40.5696, -24.2157, -9.5436

Triad

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



40.5696, -25.8128, 5.0149



40.5696, 9.2773, -29.4008



40.5696, 15.2991, 17.9939

Complementary

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



40.5688, -25.8126, 5.0145



21.5673, 37.2190, 11.7112

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.



40.5696, 25.9064, 11.2422



40.5688, -25.8126, 5.0145



40.5696, 22.1101, -16.3778

Square

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



40.5696, -25.8128, 5.0149



40.5696, -5.1842, -32.8369



40.5696, 28.5556, -0.8143



40.5696, 0.9413, 20.4243

Rectangle

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



40.5688, -25.8126, 5.0145



40.5696, -20.0639, -19.9655



40.5696, 28.5556, -0.8143



40.5696, 19.4969, 16.2949

Sweetspot

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



40.5696, -25.8128, 5.0149



57.7272, -17.9479, 2.5806



39.5307, -32.6762, 23.7861



27.7570, -9.3712, 1.2587



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.



40.5696, -25.8128, 5.0149



53.8128, -34.3587, 6.9094



29.0717, -5.7891, -23.8387



22.0773, -2.9444, 1.0783



40.3976, -25.7026, 4.9910

0.0000, NaN, NaN

Inverse Universe

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



21.5673, 37.2190, 11.7112



28.5878, 49.2816, 15.9606



24.7865, 26.3315, 15.7336



20.8708, 0.7390, 1.3034



21.4756, 37.0641, 11.6567

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.5688, -25.8126, 5.0145 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 40.5688, -25.8126, 5.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

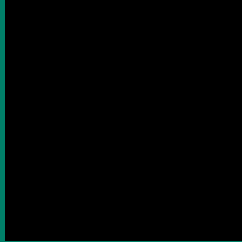
Any Text WCAG AA ✗ Fail

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 40.5688, -25.8126, 5.0145 Background



This preview shows how black text looks on a background with the HunterLab color 40.5688, -25.8126, 5.0145.



This preview shows how white text looks on a background with the HunterLab color 40.5688,

-25.8126, 5.0145.

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

40.5688, -25.8126, 5.0145

Protanopia

40.3769, -2.4767, 8.2300

Deuteranopia

40.4061, 2.3624, 3.7097



Tritanopia

40.6800, -17.1746, -8.1061

Trichromacy



Original Color

40.5688, -25.8126, 5.0145

Protanomaly

39.2082, -15.4382, 5.6578

Deuteranomaly

39.0330, -12.6235, 2.2808

Tritanomaly

40.3627, -20.7260, -3.0177

Monochromacy



Original Color

40.5688, -25.8126, 5.0145

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

33.3513, -13.6892, 1.4856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5688, -25.8126, 5.0145 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5688, -25.8126, 5.0145 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, 105) }
```


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

```
.border{ border-color:rgb(0, 128, 105) }
```

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, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5688, -25.8126, 5.0145 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, 105) }
```

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

```
.background{ background-color: rgb(0, 128,  
105) }
```

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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