

Converting Colors

HunterLab(51.5987, -40.0381,
-21.6909)

Have a look what the booklet for
HunterLab(51.5987, -40.0381,
-21.6909) contains.

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Color

**HunterLab(55.4754,
-25.0288, -15.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6B9
RGB	0, 166, 185
RGB Percent	0%, 65%, 73%
CMY	0.9999, 0.3490, 0.2745
CMYK	1.00, 0.10, 0.00, 0.27
HSL	186°, 100%, 36%
HSV	186°, 100%, 73%
XYZ	22.3932, 30.7752, 50.6589
YIQ	118.5320, -105.0350, -29.2830

Conversions

Conversions Part 2

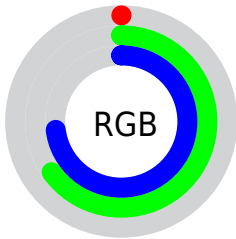
Format	Color
RYB	0, 87, 185
Decimal	42681
CIELab	62.32, -28.76, -19.94
CIELCh	62, 35.000, 214.739
Yxy	30.7763, 0.2157, 0.2964
Android (android.graphics.Color)	4278232761 (0xFF00A6B9)
YUV	118.5320, 32.7687, -103.9526
Hunter-Lab	55.4754, -25.0288, -15.3095

Details

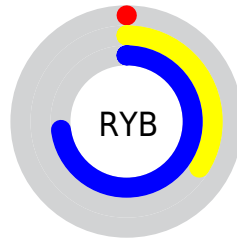
The HunterLab color **55.4754, -25.0288, -15.3095** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32.8351, 52.5767, 21.1514**, and the grayscale version is **42.6803, -2.2773, 2.3189**.

A 20% lighter version of the original color is **77.8848, -29.1073, -15.8680**, and **37.0143, -15.6718, -12.4336** is the 20% darker color. If you saturate the color by 10%, you get **55.4750, -25.0279, -15.3107**, and if you desaturate by 10%, it is **56.2191, -25.3527, -14.2085**.

Distribution



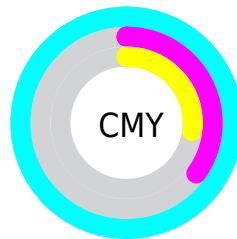
- Red (0%)
- Green (65%)
- Blue (73%)



- Red (0%)
- Yellow (34%)
- Blue (73%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4754, -25.0288, -15.3095 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 55.4754, -25.0288, -15.3095 by changing the saturation by 10% instead.

■ 55.4754, -25.0288,
-15.3095

■ 55.4754, -25.0288,
-15.3095

174.7874,
-43.2236, -15.3854

■ 45.1980, -22.7598,
-15.0123

■ 78.0306, -29.3340,
-15.7068

■ 35.6468, -20.3786,
-14.6492

■ 90.2331, -31.4043,
-15.8149

■ 26.8832, -17.8424,
-14.2234

■ 103.0128,
-33.4348, -15.8669

■ 18.9855, -15.0811,
-13.7547

■ 116.3446,
-35.4338, -15.8658

■ 12.0619, -12.3171,
-13.3144

■ 130.2065,
-37.4075, -15.8146

■ 5.0661, -8.8657,
-18.2456

■ 144.5790,

0.0000, NaN, -NF

-39.3611, -15.7159

0.0000, NaN, NaN

159.4446,
-41.2987, -15.5721

0.0000, NaN, NaN

■ 55.4754, -25.0288,
-15.3095

■ 55.4754, -25.0288,
-15.3095

■ 55.4750, -25.0279,
-15.3107

■ 56.2191, -25.3527,
-14.2085

■ 57.0722, -25.2543,
-12.9576

■ 58.0710, -24.5997,
-11.5106

■ 59.2276, -23.3506,
-9.8608

■ 60.5493, -21.4930,
-8.0110

■ 62.0393, -19.0322,
-5.9703

■ 63.6979, -15.9886,
-3.7528

■ 65.5233, -12.3933,
-1.3749

■ 67.5115, -8.2852,
1.1453

Harmonies

Analogous

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



55.4764, -29.2274, 0.6695



55.4754, -25.0288, -15.3095



55.4764, -14.9115, -28.5308

Triad

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



55.4764, -25.0287, -15.3086



55.4764, 26.0725, -10.2276



55.4764, -5.3609, 24.2214

Complementary

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



55.4754, -25.0288, -15.3095



32.8351, 52.5767, 21.1514

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.



55.4764, 10.0909, 22.7627



55.4754, -25.0288, -15.3095



55.4764, 29.3303, 5.2715

Square

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



55.4764, -25.0287, -15.3086



55.4764, 14.7239, -25.0856



55.4764, 23.2018, 16.6604



55.4764, -18.6789, 21.3762

Rectangle

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



55.4754, -25.0288, -15.3095



55.4764, -5.6221, -32.4849



55.4764, 23.2018, 16.6604



55.4764, -0.2530, 24.2092

Sweetspot

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



55.4764, -25.0287, -15.3086



85.1265, -21.6229, -5.1789



58.9441, -50.2683, 34.8422



39.0832, -10.8660, -2.9913



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



55.4764, -25.0287, -15.3086



74.1044, -33.3220, -20.6914



28.9889, 18.2816, -75.6939



31.6997, -3.7499, 0.6154



45.8438, -20.7377, -12.5340



8.8689, -4.2207, -1.9742

Inverse Universe

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



36.1503, 69.5189, -35.6778



48.3561, 92.9656, -47.4677



46.5689, 16.9906, 28.9917



30.2430, 2.2017, -0.6661



29.8395, 57.4042, -29.5788



5.6436, 10.9214, -6.0940

Previews

White Background



This preview shows how the HunterLab color 55.4754, -25.0288, -15.3095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.4754, -25.0288, -15.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

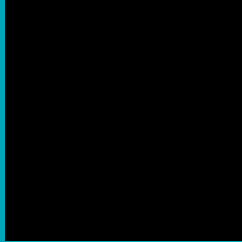
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.4754, -25.0288, -15.3095 Background



This preview shows how black text looks on a background with the HunterLab color 55.4754, -25.0288, -15.3095.



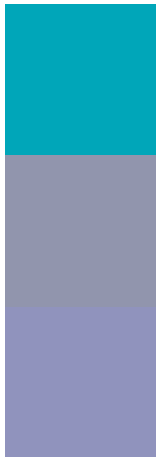
This preview shows how white text looks on a background with the HunterLab color 55.4754,

-25.0288, -15.3095.

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

55.4754, -25.0288, -15.3095

Protanopia

55.2556, 0.1106, -8.3716

Deuteranopia

55.2004, 4.0332, -17.6261



Tritanopia

55.6172, -26.5397, -12.2251

Trichromacy



Original Color

55.4754, -25.0288, -15.3095

Protanomaly

53.7516, -14.1302, -13.0067

Deuteranomaly

53.8678, -11.2733, -19.3703

Tritanomaly

55.6910, -26.1046, -13.2565

Monochromacy



Original Color

55.4754, -25.0288, -15.3095

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

45.9652, -15.4214, -5.4663

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4754, -25.0288, -15.3095 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, 166, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 185)  
}
```

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, 166, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4754, -25.0288, -15.3095 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, 166, 185) }
```


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

```
.border{ border-color:rgb(0, 166, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4754, -25.0288, -15.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 185) }
```

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

```
.background{ background-color: rgb(0, 166,  
185) }
```

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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