

Converting Colors

HunterLab(49.0400, -54.3208,
-26.4283)

Have a look what the booklet for
HunterLab(49.0400, -54.3208,
-26.4283) contains.

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Color

**HunterLab(55.8034,
-25.4425, -14.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7B9
RGB	0, 167, 185
RGB Percent	0%, 65%, 73%
CMY	0.9999, 0.3451, 0.2745
CMYK	1.00, 0.10, 0.00, 0.27
HSL	186°, 100%, 36%
HSV	186°, 100%, 73%
XYZ	22.5757, 31.1402, 50.7197
YIQ	119.1190, -105.3100, -29.8060

Conversions

Conversions Part 2

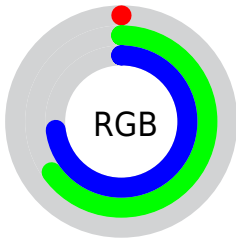
Format	Color
RYB	0, 88, 185
Decimal	42937
CIELab	62.63, -29.25, -19.47
CIELCh	63, 35.143, 213.652
Yxy	31.1413, 0.2162, 0.2982
Android (android.graphics.Color)	4278233017 (0xFF00A7B9)
YUV	119.1190, 32.4793, -104.4674
Hunter-Lab	55.8034, -25.4425, -14.8263

Details

The HunterLab color **55.8034, -25.4425, -14.8263** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32.7846, 52.7443, 21.1231**, and the grayscale version is **42.9090, -2.2895, 2.3313**.

A 20% lighter version of the original color is **78.5639, -30.0154, -14.9179**, and **37.3194, -16.0649, -11.9665** is the 20% darker color. If you saturate the color by 10%, you get **55.8030, -25.4417, -14.8275**, and if you desaturate by 10%, it is **56.5147, -25.7256, -13.7797**.

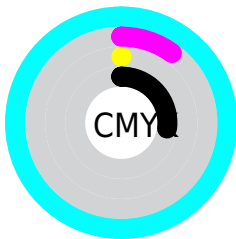
Distribution



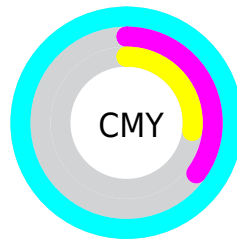
- Red (0%)
- Green (65%)
- Blue (73%)



- Red (0%)
- Yellow (35%)
- 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 55.8034, -25.4425, -14.8263 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 55.8034, -25.4425, -14.8263 by changing the saturation by 10% instead.

■ 55.8034, -25.4425,
-14.8263

■ 55.8034, -25.4425,
-14.8263

175.2680,
-43.8400, -14.7537

■ 45.5044, -23.1450,
-14.5464

■ 78.3980, -29.8000,
-15.1887

■ 35.9300, -20.7334,
-14.1996

■ 90.6188, -31.8944,
-15.2797

■ 27.1410, -18.1645,
-13.7881

■ 103.4158,
-33.9481, -15.3147

■ 19.2152, -15.3680,
-13.3285

■ 116.7643,
-35.9692, -15.2971

■ 12.2595, -12.5071,
-12.8834

■ 130.6422,
-37.9643, -15.2296

■ 5.3926, -9.4370,
-16.7719

■ 145.0302,

0.0000, NaN, -NF

-39.9385, -15.1150

0.0000, NaN, NaN

159.9107,
-41.8959, -14.9557

0.0000, NaN, NaN

■ 55.8034, -25.4425,
-14.8263

■ 55.8034, -25.4425,
-14.8263

■ 55.8030, -25.4417,
-14.8275

■ 56.5147, -25.7256,
-13.7797

■ 57.3348, -25.5878,
-12.5833

■ 58.3001, -24.8949,
-11.1905

■ 59.4229, -23.6079,
-9.5940

■ 60.7108, -21.7120,
-7.7958

■ 62.1672, -19.2117,
-5.8045

■ 63.7927, -16.1266,
-3.6334

■ 65.5856, -12.4877,
-1.2987

■ 67.5422, -8.3333,
1.1818

Harmonies

Analogous

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



55.8044, -29.4368, 1.2235



55.8034, -25.4425, -14.8263



55.8044, -15.4601, -28.3537

Triad

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



55.8044, -25.4424, -14.8254



55.8044, 25.9410, -10.8830



55.8044, -4.8441, 24.3884

Complementary

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



55.8034, -25.4425, -14.8263



32.7846, 52.7443, 21.1231

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.



55.8044, 10.7022, 22.7637



55.8034, -25.4425, -14.8263



55.8044, 29.5592, 4.7928

Square

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



55.8044, -25.4424, -14.8254



55.8044, 14.2964, -25.6799



55.8044, 23.7138, 16.4398



55.8044, -18.3818, 21.6892

Rectangle

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



55.8034, -25.4425, -14.8263



55.8044, -6.2000, -32.5990



55.8044, 23.7138, 16.4398



55.8044, 0.3136, 24.3252

Sweetspot

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



55.8044, -25.4424, -14.8254



85.2553, -21.8110, -5.0163



58.9359, -50.3197, 34.9633



39.1516, -10.9642, -2.9039



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.



55.8044, -25.4424, -14.8254



74.5503, -33.8851, -20.0332



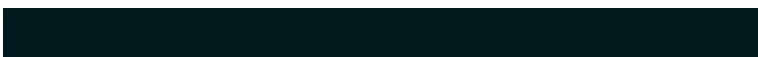
29.7080, 16.6209, -73.0076



31.7131, -3.7712, 0.6312



46.1111, -21.0745, -12.1410



8.9057, -4.2662, -1.9219

Inverse Universe

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



36.2013, 69.6970, -36.3507



48.4253, 93.2077, -48.3817



45.8536, 18.4921, 28.5771



30.2444, 2.2093, -0.6862



29.8811, 57.5496, -30.1275



5.6494, 10.9418, -6.1708

Previews

White Background



This preview shows how the HunterLab color 55.8034, -25.4425, -14.8263 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 55.8034, -25.4425, -14.8263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

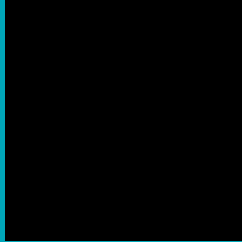
Any Text WCAG AA ✓ Pass

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 55.8034, -25.4425, -14.8263 Background



This preview shows how black text looks on a background with the HunterLab color 55.8034, -25.4425, -14.8263.



This preview shows how white text looks on a background with the HunterLab color 55.8034, -25.4425, -14.8263.

-25.4425, -14.8263.

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

55.8034, -25.4425, -14.8263

Protanopia

55.3381, 0.3928, -8.2526

Deuteranopia

55.5641, 3.8035, -17.0676



Tritanopia

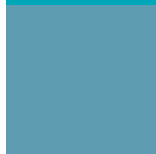
55.6540, -26.3228, -12.7393

Trichromacy



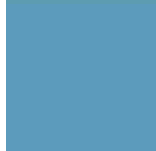
Original Color

55.8034, -25.4425, -14.8263



Protanomaly

54.1095, -14.4023, -12.4874



Deuteranomaly

54.1746, -11.7341, -18.8927



Tritanomaly

55.6910, -26.1046, -13.2565

Monochromacy



Original Color

55.8034, -25.4425, -14.8263



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 55.8034, -25.4425, -14.8263 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, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 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, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8034, -25.4425, -14.8263 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, 167, 185) }
```


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

```
.border{ border-color:rgb(0, 167, 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, 167, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8034, -25.4425, -14.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 185) }
```

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

```
.background{ background-color: rgb(0, 167,  
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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