

Converting Colors

HunterLab(55.3886, -26.2926,
-4.8190)

Have a look what the booklet for
HunterLab(55.3886, -26.2926,
-4.8190) contains.

HunterLab(55.4820, -26.3544, -4.8262)	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(55.4820,
-26.3544, -4.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	35A6A6
RGB	53, 166, 166
RGB Percent	21%, 65%, 65%
CMY	0.7921, 0.3490, 0.3490
CMYK	0.68, 0.00, 0.00, 0.35
HSL	180°, 52%, 43%
HSV	180°, 68%, 65%
XYZ	21.9874, 30.7825, 40.8592
YIQ	132.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

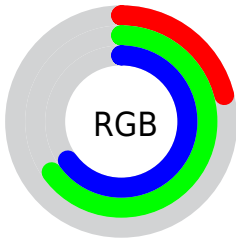
Format	Color
RYB	53, 110, 166
Decimal	3516070
CIELab	62.32, -30.67, -9.22
CIELCh	62, 32.020, 196.728
Yxy	30.7837, 0.2348, 0.3288
Android (android.graphics.Color)	4281706150 (0xFF35A6A6)
YUV	132.2130, 16.6570, -69.4698
Hunter-Lab	55.4820, -26.3544, -4.8262

Details

The HunterLab color **55.4820, -26.3544, -4.8262** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.0321, 37.5316, 14.9640**, and the grayscale version is **48.0764, -2.5652, 2.6121**.

A 20% lighter version of the original color is **78.2151, -31.0411, -4.2024**, and **36.0904, -18.9299, -4.2457** is the 20% darker color. If you saturate the color by 10%, you get **55.1444, -27.6799, -5.2940**, and if you desaturate by 10%, it is **55.9590, -24.5070, -4.1719**.

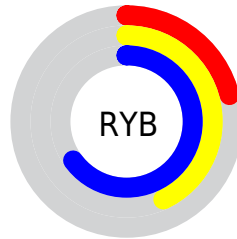
Distribution



Red (21%)

Green (65%)

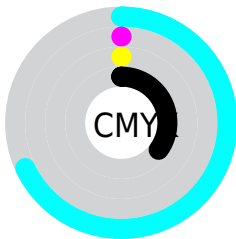
Blue (65%)



Red (21%)

Yellow (43%)

Blue (65%)

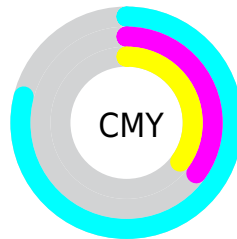


Cyan (68%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (79%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4820, -26.3544, -4.8262 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 55.4820, -26.3544, -4.8262 by changing the saturation by 10% instead.

■ 55.4820, -26.3544,
-4.8262

■ 55.4820, -26.3544,
-4.8262

174.7972,
-45.3720, -1.5812

■ 45.2042, -23.9636,
-4.9388

■ 78.0380, -30.8782,
-4.4237

■ 35.6526, -21.4487,
-4.9855

■ 90.2410, -33.0476,
-4.1450

■ 26.8884, -18.7635,
-4.9575

■ 103.0210,
-35.1720, -3.8194

■ 18.9902, -15.8322,
-4.8450

■ 116.3531,
-37.2603, -3.4500

■ 12.0659, -13.0048,
-4.6380

■ 130.2153,
-39.3194, -3.0393

■ 5.0729, -8.8777,
-7.2548

144.5882,

0.0000, NaN, NaN

-41.3549, -2.5897

0.0000, NaN, NaN

159.4541,
-43.3712, -2.1031

0.0000, NaN, NaN

■ 55.4820, -26.3544,
-4.8262

■ 55.4820, -26.3544,
-4.8262

■ 55.1444, -27.6799,
-5.2940

■ 55.9590, -24.5070,
-4.1719

■ 54.9302, -28.5228,
-5.5918

■ 56.5817, -22.1163,
-3.3258

■ 54.8154, -28.9763,
-5.7520

■ 57.3575, -19.1780,
-2.2851

■ 54.7965, -29.0509,
-5.7783

■ 58.2902, -15.7021,
-1.0529

■ 59.3815, -11.7104,
0.3636

■ 60.6308, -7.2341,
1.9540

■ 62.0361, -2.3114,
3.7052

■ 63.5939, 3.0154,
5.6030

■ 65.2996, 8.7025,
7.6321

Harmonies

Analogous

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



55.4830, -26.6996, 8.5567



55.4820, -26.3544, -4.8262



55.4830, -20.1550, -18.9185

Triad

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



55.4830, -26.3546, -4.8254



55.4830, 17.9160, -17.4370



55.4830, 3.3203, 22.5357

Complementary

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



55.4820, -26.3544, -4.8262



33.0321, 37.5316, 14.9640

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.



55.4830, 16.6154, 18.5530



55.4820, -26.3544, -4.8262



55.4830, 25.5857, -3.1533

Square

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



55.4830, -26.3546, -4.8254



55.4830, 4.9582, -27.3408



55.4830, 25.0875, 9.8646



55.4830, -10.4641, 22.2992

Rectangle

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



55.4820, -26.3544, -4.8262



55.4830, -13.1540, -25.8543



55.4830, 25.0875, 9.8646



55.4830, 8.0203, 21.6979

Sweetspot

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



55.4830, -26.3546, -4.8254



79.6389, -17.0736, 0.0291



53.2350, -40.0186, 28.3504



37.4818, -8.7766, -0.2346



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



55.4830, -26.3546, -4.8254



74.1115, -37.9847, -7.3776



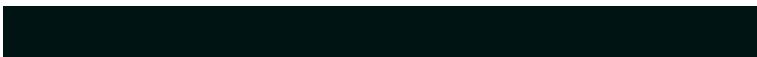
38.6834, -2.7320, -31.5075



29.2097, -3.7717, 0.8453



48.2528, -25.5817, -5.0883



7.5265, -3.9902, -0.7937

Inverse Universe

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



33.0321, 37.5316, 14.9640



40.3882, 60.2893, 23.1225



43.6002, 12.5066, 22.5039



27.4633, 0.8885, 2.2810



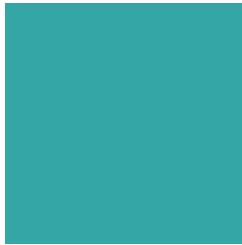
25.0731, 42.9384, 16.2015



3.9109, 6.6976, 2.5270

Previews

White Background



This preview shows how the HunterLab color 55.4820, -26.3544, -4.8262 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 55.4820, -26.3544, -4.8262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

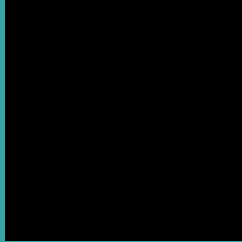
Any Text WCAG AA ✓ Pass

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 55.4820, -26.3544, -4.8262 Background



This preview shows how black text looks on a background with the HunterLab color 55.4820, -26.3544, -4.8262.



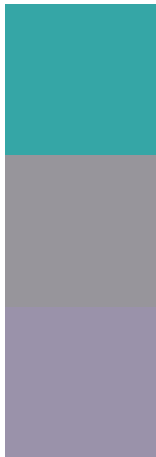
This preview shows how white text looks on a background with the HunterLab color 55.4820,

-26.3544, -4.8262.

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

55.4820, -26.3544, -4.8262

Protanopia

55.1731, -1.3509, 0.6495

Deuteranopia

55.0727, 3.6484, -6.9430



Tritanopia

55.4031, -22.4828, -11.3289

Trichromacy



Original Color

55.4820, -26.3544, -4.8262

Protanomaly

54.3974, -12.9975, -2.4592

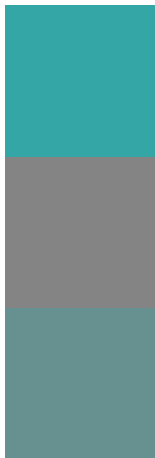
Deuteranomaly

54.2485, -9.7499, -7.7676

Tritanomaly

55.5303, -23.9446, -8.9573

Monochromacy



Original Color

55.4820, -26.3544, -4.8262

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.8435, -13.4501, -0.9084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4820, -26.3544, -4.8262 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(53, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(53, 166, 166)  
}
```

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(53, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 166, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4820, -26.3544, -4.8262 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(53, 166, 166) }
```


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

```
.border{ border-color:rgb(53, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(53, 166,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4820, -26.3544, -4.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 166, 166) }
```

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

```
.background{ background-color: rgb(53, 166,  
166) }
```

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