

# Converting Colors

HunterLab(55.8900, -25.9080,  
4.4818)

Have a look what the booklet for  
HunterLab(55.8900, -25.9080,  
4.4818) contains.

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# Color

**HunterLab(55.9013,  
-25.8261, 4.2786)**

# Conversions

Conversions Part 1	
Format	Color
Hex	53A694
RGB	83, 166, 148
RGB Percent	33%, 65%, 58%
CMY	0.6745, 0.3490, 0.4196
CMYK	0.50, 0.00, 0.11, 0.35
HSL	167°, 33%, 49%
HSV	167°, 50%, 65%
XYZ	22.5488, 31.2496, 32.8603
YIQ	139.1310, -43.6900, -23.1940

# Conversions

## Conversions Part 2

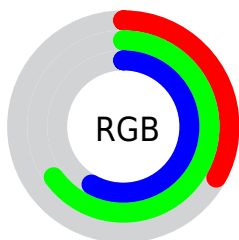
Format	Color
<a href="#">RYB</a>	<a href="#">83, 130, 166</a>
Decimal	<a href="#">5482132</a>
CIELab	<a href="#">62.72, -29.77, 1.57</a>
CIELCh	<a href="#">63, 29.815, 176.985</a>
Yxy	<a href="#">31.2508, 0.2602, 0.3606</a>
Android (android.graphics.Color)	<a href="#">4283672212</a> (0xFF53A694)
YUV	<a href="#">139.1310, 4.3724, -49.2269</a>
Hunter-Lab	<a href="#">55.9013, -25.8261, 4.2786</a>

# Details

The HunterLab color **55.9013, -25.8261, 4.2786** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39.0306, 28.5098, 5.8454**, and the grayscale version is **50.8606, -2.7138, 2.7634**.

A 20% lighter version of the original color is **78.3457, -30.0255, 5.4642**, and **36.1501, -21.2628, 3.3548** is the 20% darker color. If you saturate the color by 10%, you get **55.2012, -28.7751, 4.9981**, and if you desaturate by 10%, it is **56.7576, -22.3265, 3.7300**.

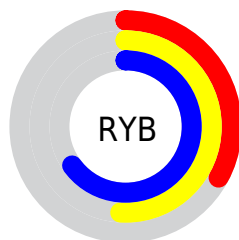
# Distribution



Red (33%)

Green (65%)

Blue (58%)



Red (33%)

Yellow (51%)

Blue (65%)

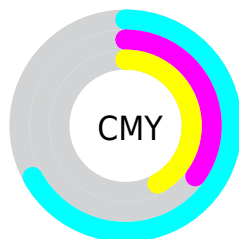


Cyan (50%)

Magenta (0%)

Yellow (11%)

Black (35%)



Cyan (67%)

Magenta (35%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9013, -25.8261, 4.2786 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 55.9013, -25.8261, 4.2786 by changing the saturation by 10% instead.





 55.9013, -25.8261,  
4.2786


 55.9013, -25.8261,  
4.2786


175.4115,  
-44.4456, 11.3694

 45.5959, -23.4969,  
3.6351


 78.5078, -30.2425,  
5.6612


 36.0146, -21.0502,  
3.0240


 90.7340, -32.3635,  
6.3965

 27.2181, -18.4425,  
2.4473


 103.5362,  
-34.4424, 7.1600

 19.2839, -15.6023,  
1.9064

 116.8896,  
-36.4876, 7.9508

 12.3186, -12.6972,  
1.4023

130.7723,  
-38.5057, 8.7678

 5.4862, -9.6009,  
1.4833

145.1649,


0.0000, NaN, NaN


-40.5021, 9.6104

0.0000, NaN, NaN


160.0499,  
-42.4809, 10.4778


0.0000, NaN, NaN


 55.9013, -25.8261,  
4.2786


 55.9013, -25.8261,  
4.2786


 55.2012, -28.7751,  
4.9981


 56.7576, -22.3265,  
3.7300


 54.6477, -31.1706,  
5.8723


 57.7701, -18.2911,  
3.3598


 54.2329, -33.0294,  
6.8836


 58.9410, -13.7483,  
3.1737


 53.9436, -34.3888,  
8.0086


 60.2695, -8.7352,  
3.1730


 53.7450, -35.3806,  
9.2001


 61.7529, -3.2945,  
3.3552

 53.7449, -35.3807,  
9.2002

 63.3874, 2.5279,  
3.7150

 65.1680, 8.6854,  
4.2449

 67.0890, 15.1329,  
4.9355

 69.1441, 21.8275,  
5.7766

# Harmonies

## Analogous

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



55.9024, -22.4442, 14.5125



55.9013, -25.8261, 4.2786



55.9024, -23.5668, -8.8610

# Triad

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



55.9024, -25.8266, 4.2793



55.9024, 8.8177, -22.5713



55.9024, 11.2993, 19.5383

# Complementary

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



55.9013, -25.8261, 4.2786



39.0306, 28.5098, 5.8454

# 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.



55.9024, 21.0844, 12.7952



55.9013, -25.8261, 4.2786



55.9024, 19.5621, -11.5288

# Square

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



55.9024, -25.8266, 4.2793



55.9024, -4.2946, -26.2996



55.9024, 24.2369, 1.7776



55.9024, -1.6649, 21.9646



# Rectangle

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



55.9013, -25.8261, 4.2786



55.9024, -19.0399, -17.2904



55.9024, 24.2369, 1.7776



55.9024, 15.1132, 17.7895

# Sweetspot

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



55.9024, -25.8266, 4.2793



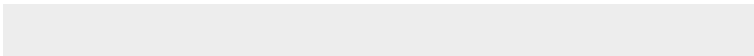
80.2214, -15.4088, 4.2440



55.4477, -30.3318, 24.8843



37.7800, -7.9299, 2.0108



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.



55.9024, -25.8266, 4.2793



74.2719, -39.1614, 6.8546



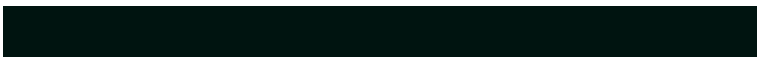
49.4969, -13.0360, -12.9444



29.1612, -4.0411, 1.5360



47.3342, -31.1099, 7.9938



7.4289, -4.5760, 0.5928



# Inverse Universe

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



39.0306, 28.5098, 5.8454



47.6623, 47.7219, 10.0634



43.4313, 15.8663, 15.8674



27.5099, 1.1399, 1.6148



25.2810, 43.7086, 13.1255

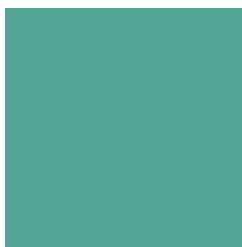


4.0330, 7.1470, 0.7424



# Previews

## White Background



This preview shows how the HunterLab color 55.9013, -25.8261, 4.2786 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

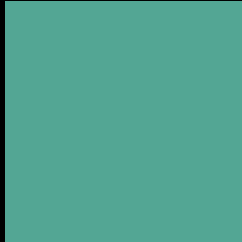
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.9013, -25.8261, 4.2786 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

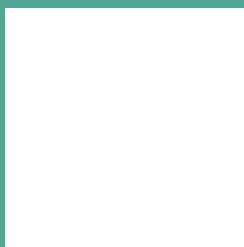
Any Text WCAG AAA ✓ Pass

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

## HunterLab 55.9013, -25.8261, 4.2786 Background



This preview shows how black text looks on a background with the HunterLab color 55.9013, -25.8261, 4.2786.



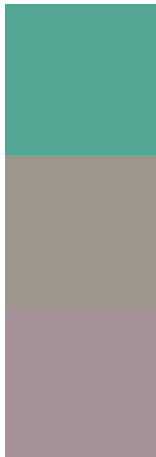
This preview shows how white text looks on a background with the HunterLab color 55.9013,

-25.8261, 4.2786.

# 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

55.9013, -25.8261, 4.2786

### Protanopia

55.4479, -2.7847, 7.9994

### Deuteranopia

55.5195, 3.9987, 2.5576



## Tritanopia

55.8211, -17.8317, -8.9933

# Trichromacy



## Original Color

55.9013, -25.8261, 4.2786



## Protanomaly

55.1335, -12.8753, 6.2271



## Deuteranomaly

54.9252, -8.4737, 2.0914



## Tritanomaly

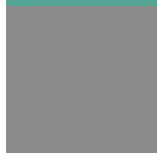
55.6648, -20.7310, -3.9781

# Monochromacy



## Original Color

55.9013, -25.8261, 4.2786



## Achromatopsia

50.8117, -2.7112, 2.7607



## Achromatomaly

52.3162, -12.2676, 3.0197

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.9013, -25.8261, 4.2786 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(83, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(83, 166, 148)  
}
```

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(83, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 166, 148) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.9013, -25.8261, 4.2786 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(83, 166, 148) }
```



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

```
.border{ border-color:rgb(83, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(83, 166,  
148) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.9013, -25.8261, 4.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 166, 148) }
```

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

```
.background{ background-color: rgb(83, 166,  
148) }
```

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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