

Converting Colors

HunterLab(58.8953, -25.3837,
-4.2620)

Have a look what the booklet for
HunterLab(58.8953, -25.3837,
-4.2620) contains.

HunterLab(59.0462, -25.4676, -4.2715)	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(59.0462,
-25.4676, -4.2715)**

Conversions

Conversions Part 1

Format	Color
Hex	4CAEAE
RGB	76, 174, 174
RGB Percent	30%, 68%, 68%
CMY	0.7019, 0.3176, 0.3176
CMYK	0.56, 0.00, 0.00, 0.32
HSL	180°, 39%, 49%
HSV	180°, 56%, 68%
XYZ	25.7565, 34.8645, 45.4163
YIQ	144.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

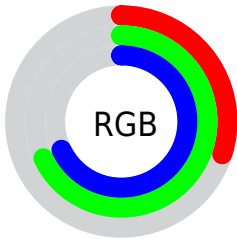
Format	Color
RYB	76, 125, 174
Decimal	5025454
CIELab	65.64, -28.35, -8.67
CIELCh	66, 29.647, 197.001
Yxy	34.8659, 0.2429, 0.3288
Android (android.graphics.Color)	4283215534 (0xFF4CAEAE)
YUV	144.6980, 14.4459, -60.2481
Hunter-Lab	59.0462, -25.4676, -4.2715

Details

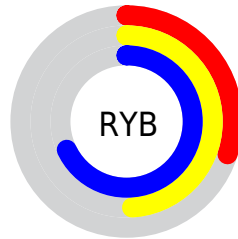
The HunterLab color **59.0462, -25.4676, -4.2715** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38.3280, 32.3361, 13.6049**, and the grayscale version is **53.0524, -2.8307, 2.8824**.

A 20% lighter version of the original color is **82.0482, -29.8658, -3.5323**, and **38.8328, -20.3813, -4.5402** is the 20% darker color. If you saturate the color by 10%, you get **58.5209, -27.5083, -4.9923**, and if you desaturate by 10%, it is **59.7307, -22.8494, -3.3439**.

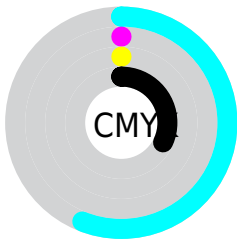
Distribution



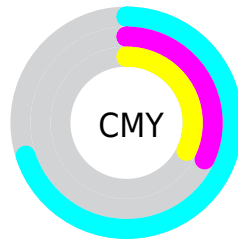
- Red (30%)
- Green (68%)
- Blue (68%)



- Red (30%)
- Yellow (49%)
- Blue (68%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0462, -25.4676, -4.2715 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 59.0462, -25.4676, -4.2715 by changing the saturation by 10% instead.

■ 59.0462, -25.4676,
-4.2715

■ 59.0462, -25.4676,
-4.2715

179.9933,
-43.3922, -0.7153

■ 48.5382, -23.2550,
-4.4286

■ 82.0231, -29.6861,
-3.7879

■ 38.7392, -20.9429,
-4.5231

■ 94.4206, -31.7212,
-3.4719

■ 29.7060, -18.4950,
-4.5469

■ 107.3865,
-33.7207, -3.1107

■ 21.5101, -15.8537,
-4.4903

■ 120.8969,
-35.6917, -2.7074

■ 14.2479, -12.9186,
-4.3421

■ 134.9307,
-37.6402, -2.2642

■ 7.9047, -13.8332,
-4.3943

149.4691,

0.0000, NaN, -NF

-39.5707, -1.7832

0.0000, NaN, NaN

164.4950,
-41.4870, -1.2664

0.0000, NaN, NaN

■ 59.0462, -25.4676,
-4.2715

■ 59.0462, -25.4676,
-4.2715

■ 58.5209, -27.5083,
-4.9923

■ 59.7307, -22.8494,
-3.3439

■ 58.1419, -28.9899,
-5.5161

■ 60.5773, -19.6506,
-2.2108

■ 57.8973, -29.9520,
-5.8561

■ 61.5909, -15.8842,
-0.8755

■ 57.7672, -30.4656,
-6.0374

■ 62.7727, -11.5753,
0.6539

■ 57.7314, -30.6071,
-6.0874

■ 64.1221, -6.7587,
2.3654

■ 65.6364, -1.4759,
4.2452

■ 67.3118, 4.2276,
6.2776

■ 69.1431, 10.3050,
8.4466

■ 71.1244, 16.7097,
10.7361

Harmonies

Analogous

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



59.0473, -25.8541, 8.3791



59.0462, -25.4676, -4.2715



59.0473, -19.4478, -17.2536

Triad

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



59.0473, -25.4679, -4.2707



59.0473, 16.5279, -15.6839



59.0473, 2.6499, 22.1955

Complementary

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



59.0462, -25.4676, -4.2715



38.3280, 32.3361, 13.6049

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.



59.0473, 15.1244, 18.2551



59.0462, -25.4676, -4.2715



59.0473, 23.5967, -2.4642

Square

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



59.0473, -25.4679, -4.2707



59.0473, 4.4330, -24.7689



59.0473, 23.0616, 9.8315



59.0473, -10.3759, 21.9192

Rectangle

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



59.0462, -25.4676, -4.2715



59.0473, -12.7242, -23.5325



59.0473, 23.0616, 9.8315



59.0473, 7.0679, 21.3642

Sweetspot

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



59.0473, -25.4679, -4.2707



84.3755, -16.1900, 0.6674



56.9205, -38.2920, 27.2808



39.6252, -8.1880, 0.1175



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



59.0473, -25.4679, -4.2707



78.6485, -37.6989, -6.9538



44.3598, -4.5406, -26.2692



30.1199, -3.8987, 0.8685



49.1661, -26.0660, -5.1842



8.2004, -4.3475, -0.8647

Inverse Universe

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



38.3280, 32.3361, 13.6049



46.3839, 54.3310, 21.5582



48.7635, 9.4341, 21.8986



28.3114, 0.9273, 2.3552



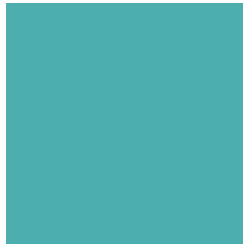
25.5476, 43.7511, 16.5081



4.2611, 7.2973, 2.7533

Previews

White Background



This preview shows how the HunterLab color 59.0462, -25.4676, -4.2715 looks on a white background.

Color Contrast Check

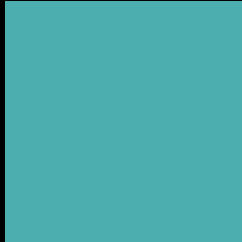
Large Text (above 18pt) WCAG AA × Fail

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 59.0462, -25.4676, -4.2715 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

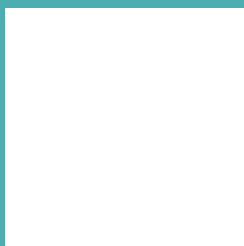
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.0462, -25.4676, -4.2715 Background



This preview shows how black text looks on a background with the HunterLab color 59.0462, -25.4676, -4.2715.



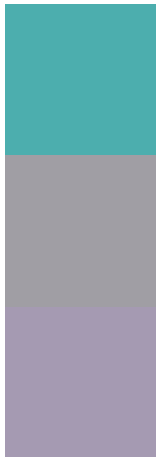
This preview shows how white text looks on a background with the HunterLab color 59.0462, -25.4676, -4.2715.

-25.4676, -4.2715.

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

59.0462, -25.4676, -4.2715

Protanopia

58.8283, -1.5297, 0.8253

Deuteranopia

58.5874, 4.4381, -6.4456



Tritanopia

58.9911, -21.5092, -10.7162

Trichromacy



Original Color

59.0462, -25.4676, -4.2715

Protanomaly

58.3483, -12.1789, -1.9030

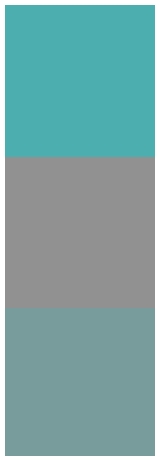
Deuteranomaly

58.0091, -8.1151, -6.9105

Tritanomaly

59.0989, -23.0467, -8.3861

Monochromacy



Original Color

59.0462, -25.4676, -4.2715

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.9275, -12.8163, -0.3288

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0462, -25.4676, -4.2715 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(76, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(76, 174, 174)  
}
```

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(76, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 174, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0462, -25.4676, -4.2715 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(76, 174, 174) }
```


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

```
.border{ border-color:rgb(76, 174, 174) }
```

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

Here you see how a box with a 4 pixel rgb(76, 174, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(76, 174,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0462, -25.4676, -4.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 174, 174) }
```

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

```
.background{ background-color: rgb(76, 174,  
174) }
```

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