

Converting Colors

HunterLab(56.6145, -29.9592,
6.4117)

Have a look what the booklet for
HunterLab(56.6145, -29.9592,
6.4117) contains.

HunterLab(56.6207, -29.9196, 6.3146)	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(56.6207,
-29.9196, 6.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	45AA91
RGB	69, 170, 145
RGB Percent	27%, 67%, 57%
CMY	0.7294, 0.3333, 0.4314
CMYK	0.59, 0.00, 0.15, 0.33
HSL	165°, 42%, 47%
HSV	165°, 59%, 67%
XYZ	21.9398, 32.0590, 31.8198
YIQ	136.9510, -52.1710, -29.1870

Conversions

Conversions Part 2

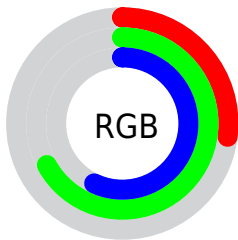
Format	Color
RYB	69, 127, 170
Decimal	4565649
CIELab	63.39, -35.49, 4.16
CIElCh	63, 35.734, 173.313
Yxy	32.0603, 0.2557, 0.3736
Android (android.graphics.Color)	4282755729 (0xFF45AA91)
YUV	136.9510, 3.9682, -59.5930
Hunter-Lab	56.6207, -29.9196, 6.3146

Details

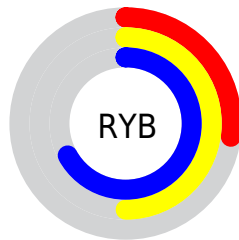
The HunterLab color **56.6207, -29.9196, 6.3146** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36.8935, 35.7195, 6.3388**, and the grayscale version is **49.9972, -2.6677, 2.7164**.

A 20% lighter version of the original color is **79.3903, -34.9283, 7.9559**, and **36.8087, -23.5501, 4.8302** is the 20% darker color. If you saturate the color by 10%, you get **56.0336, -32.4868, 7.3804**, and if you desaturate by 10%, it is **57.3636, -26.7784, 5.3989**.

Distribution



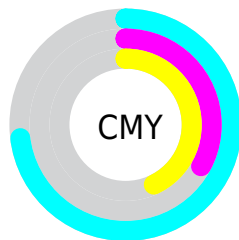
- Red (27%)
- Green (67%)
- Blue (57%)



- Red (27%)
- Yellow (50%)
- Blue (67%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6207, -29.9196, 6.3146 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 56.6207, -29.9196, 6.3146 by changing the saturation by 10% instead.

■ 56.6207, -29.9196,
6.3146

■ 56.6207, -29.9196,
6.3146

176.4635,
-50.9950, 14.4055

■ 46.2683, -27.2296,
5.5279

■ 79.3131, -34.9841,
7.9572

■ 36.6364, -24.3897,
4.7618

■ 91.5789, -37.4007,
8.8121

■ 27.7848, -21.3471,
4.0153

■ 104.4190,
-39.7599, 9.6896

■ 19.7896, -18.0163,
3.2844

■ 117.8088,
-42.0721, 10.5894

■ 12.7548, -14.7240,
2.5606

■ 131.7265,
-44.3458, 11.5112

■ 6.1286, -10.7250,
3.1480

146.1528,

0.0000, NaN, NaN

-46.5874, 12.4547

0.0000, NaN, NaN

161.0704,
-48.8023, 13.4196

0.0000, NaN, NaN

■ 56.6207, -29.9196,
6.3146

■ 56.6207, -29.9196,
6.3146

■ 56.0336, -32.4868,
7.3804

■ 57.3636, -26.7784,
5.3989

■ 55.5898, -34.4932,
8.5742

■ 58.2650, -23.0652,
4.6472

■ 55.2770, -35.9760,
9.8718

■ 59.3294, -18.7993,
4.0713

■ 55.0636, -37.0536,
11.2290

■ 60.5575, -14.0116,
3.6784

■ 55.0518, -37.1139,
11.3082

■ 61.9483, -8.7417,
3.4711

■ 63.4988, -3.0352,
3.4485

■ 65.2048, 3.0596,
3.6066

■ 67.0610, 9.4942,
3.9387

■ 69.0615, 16.2215,
4.4364

Harmonies

Analogous

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



56.6218, -25.1919, 17.6562



56.6207, -29.9196, 6.3146



56.6218, -28.0950, -9.4578

Triad

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



56.6218, -29.9201, 6.3153



56.6218, 9.3842, -30.0138



56.6218, 16.0997, 21.5679

Complementary

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



56.6207, -29.9196, 6.3146



36.8935, 35.7195, 6.3388

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.



56.6218, 27.3469, 13.2811



56.6207, -29.9196, 6.3146



56.6218, 23.1849, -16.8269

Square

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



56.6218, -29.9201, 6.3153



56.6218, -6.4860, -33.3588



56.6218, 30.0711, -0.3538



56.6218, 0.5228, 24.7795

Rectangle

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



56.6207, -29.9196, 6.3146



56.6218, -23.2990, -20.2819



56.6218, 30.0711, -0.3538



56.6218, 20.5778, 19.4129

Sweetspot

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



56.6218, -29.9201, 6.3153



81.7616, -18.1341, 4.9123



56.1902, -34.5073, 28.0786



38.3747, -9.4711, 2.3752



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.6218, -29.9201, 6.3153



75.2843, -44.6120, 10.3875



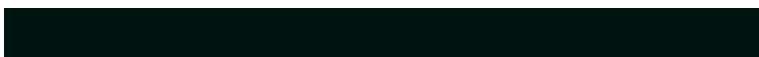
49.3388, -14.7161, -15.5576



29.1545, -4.0787, 1.6324



47.2255, -31.7718, 9.5583



7.4165, -4.6510, 0.7701

Inverse Universe

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



36.8935, 35.7195, 6.3388



44.9407, 57.9689, 11.6640



41.2634, 21.5643, 17.7131



27.5166, 1.1759, 1.5193



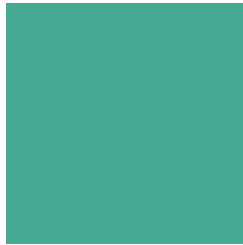
25.3332, 43.9016, 12.3569



4.0499, 7.2089, 0.4988

Previews

White Background



This preview shows how the HunterLab color 56.6207, -29.9196, 6.3146 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 56.6207, -29.9196, 6.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

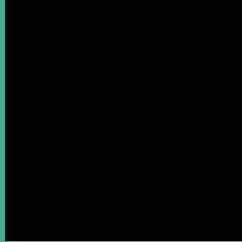
Any Text WCAG AA ✓ Pass

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 56.6207, -29.9196, 6.3146 Background



This preview shows how black text looks on a background with the HunterLab color 56.6207, -29.9196, 6.3146.



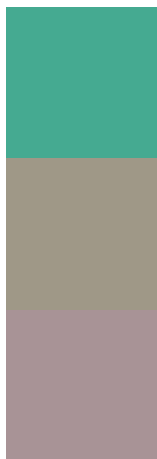
This preview shows how white text looks on a background with the HunterLab color 56.6207, -29.9196, 6.3146.

-29.9196, 6.3146.

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

56.6207, -29.9196, 6.3146

Protanopia

56.1931, -3.3609, 10.3822

Deuteranopia

56.0306, 4.1685, 4.0661



Tritanopia

56.4927, -19.9167, -10.2977

Trichromacy



Original Color

56.6207, -29.9196, 6.3146

Protanomaly

55.7638, -15.4408, 8.1204

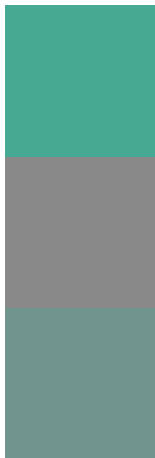
Deuteranomaly

55.2144, -10.6885, 3.7508

Tritanomaly

56.5732, -23.7377, -3.8704

Monochromacy



Original Color

56.6207, -29.9196, 6.3146

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.8007, -14.2791, 3.2712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6207, -29.9196, 6.3146 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(69, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(69, 170, 145)  
}
```

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(69, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 170, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6207, -29.9196, 6.3146 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(69, 170, 145) }
```


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

```
.border{ border-color:rgb(69, 170, 145) }
```

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

Here you see how a box with a 4 pixel rgb(69, 170, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(69, 170,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6207, -29.9196, 6.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 170, 145) }
```

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

```
.background{ background-color: rgb(69, 170,  
145) }
```

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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