

Converting Colors

HunterLab(29.5646, -4.9516,
11.4217)

Have a look what the booklet for
HunterLab(29.5646, -4.9516,
11.4217) contains.

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Color

**HunterLab(29.5508, -5.0280,
11.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	565535
RGB	86, 85, 53
RGB Percent	34%, 33%, 21%
CMY	0.6627, 0.6667, 0.7922
CMYK	0.00, 0.01, 0.38, 0.66
HSL	58°, 24%, 27%
HSV	58°, 38%, 34%
XYZ	7.7289, 8.7325, 4.6464
YIQ	81.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

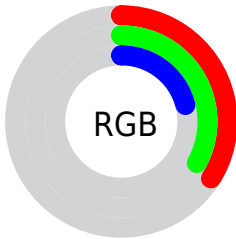
Format	Color
R_{YB}	54, 86, 53
Decimal	5657909
CIE _{Lab}	35.46, -5.21, 18.84
CIE _{LCh}	35, 19.549, 105.458
Yxy	8.7329, 0.3662, 0.4137
Android (android.graphics.Color)	4283847989 (0xFF565535)
YUV	81.6510, -14.1249, 3.8141
Hunter-Lab	29.5508, -5.0280, 11.3632

Details

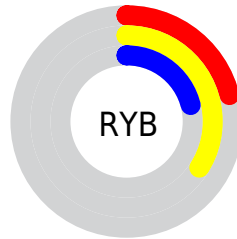
The HunterLab color **29.5508, -5.0280, 11.3632** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20.1669, 4.2469, -13.3828**, and the grayscale version is **28.9684, -1.5457, 1.5739**.

A 20% lighter version of the original color is **48.4585, -7.0145, 14.9856**, and **14.1011, -3.3705, 7.5434** is the 20% darker color. If you saturate the color by 10%, you get **29.3596, -5.6092, 13.1007**, and if you desaturate by 10%, it is **29.7663, -4.3236, 9.3023**.

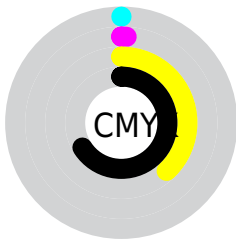
Distribution



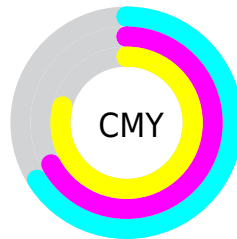
- Red (34%)
- Green (33%)
- Blue (21%)



- Red (21%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (66%)



- Cyan (66%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5508, -5.0280, 11.3632 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 29.5508, -5.0280, 11.3632 by changing the saturation by 10% instead.

■ 29.5508, -5.0280,
11.3632

■ 29.5508, -5.0280,
11.3632

■ 134.6746,
-13.0005, 25.9630

■ 21.3714, -4.2210,
9.4494

■ 48.3562, -6.6759,
14.8747

■ 14.1271, -3.4122,
7.5938

■ 58.8530, -7.5226,
16.5342

■ 7.7781, -3.3344,
5.4447

■ 70.0155, -8.3874,
18.1538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8062, -9.2711,
19.7451

0.0000, NaN, NaN

■ 94.1933, -10.1740,
21.3161

0.0000, NaN, NaN

■ 107.1492,

0.0000, NaN, NaN

-11.0966, 22.8732

0.0000, NaN, NaN

120.6500,
-12.0388, 24.4210

■ 29.5508, -5.0280,
11.3632

■ 29.5508, -5.0280,
11.3632

■ 29.3596, -5.6092,
13.1007

■ 29.7663, -4.3236,
9.3023

■ 29.1898, -6.0679,
14.5224

■ 30.0046, -3.4911,
6.9119

■ 29.0409, -6.4097,
15.6407

■ 30.2671, -2.5304,
4.1901

■ 28.9118, -6.6412,
16.4719

■ 30.5541, -1.4416,
1.1377

■ 28.8009, -6.7706,
17.0372

■ 30.8658, -0.2258,
-2.2424

■ 28.6984, -6.8530,
17.4807

■ 31.2025, 1.1153,
-5.9450

■ 28.6816, -6.8666,
17.5533

■ 31.5641, 2.5789,
-9.9628

■ 31.9507, 4.1618,
-14.2870

■ 32.3619, 5.8601,
-18.9075

Harmonies

Analogous

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



29.5515, 1.8239, 11.3959



29.5508, -5.0280, 11.3632



29.5515, -10.4447, 9.1565

Triad

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



29.5515, -5.0289, 11.3635



29.5515, -10.3129, -8.8634



29.5515, 12.3774, -1.7358

Complementary

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



29.5508, -5.0280, 11.3632



20.1669, 4.2469, -13.3828

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.



29.5515, 8.4747, -8.6729



29.5508, -5.0280, 11.3632



29.5515, -4.8334, -13.3843

Square

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



29.5515, -5.0289, 11.3635



29.5515, -13.2994, -1.9534



29.5515, 2.0381, -13.3075



29.5515, 12.3128, 4.7758

Rectangle

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



29.5508, -5.0280, 11.3632



29.5515, -12.6950, 6.3812



29.5515, 2.0381, -13.3075



29.5515, 11.4714, -4.1225

Sweetspot

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



29.5515, -5.0289, 11.3635



39.8703, -3.8782, 7.0443



21.8908, 8.8152, 4.1570



19.6828, -1.9549, 3.5906



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.5515, -5.0289, 11.3635



38.8340, -7.3592, 17.1485



28.7005, -9.5525, 10.5596



15.5290, -1.3206, 2.2123



36.0623, -8.6027, 22.0708



85.3289, -20.1775, 52.2260

Inverse Universe

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



20.1669, 4.2469, -13.3828



23.6956, 7.9924, -23.7614



21.1225, 8.3721, -11.5507



14.3850, -0.2310, -0.6995



10.6486, 26.5279, -70.5759



24.7569, 64.9327, -171.1151

Previews

White Background



This preview shows how the HunterLab color 29.5508, -5.0280, 11.3632 looks on a white background.

Color Contrast Check

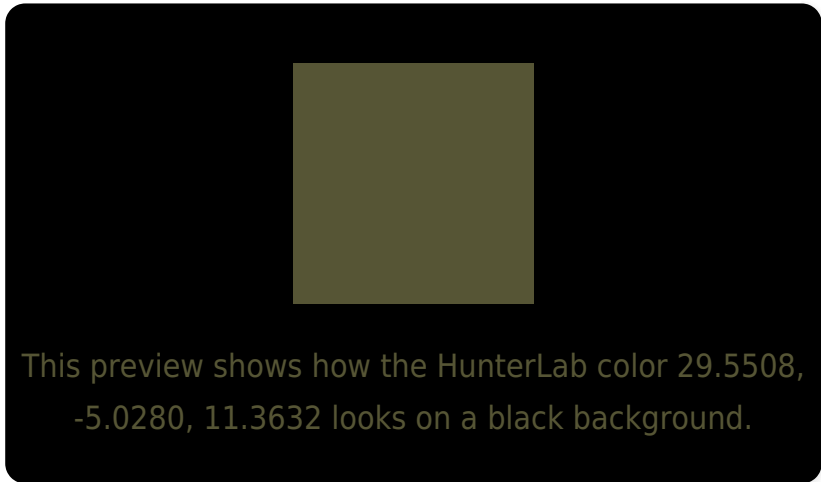
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

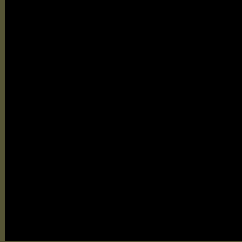
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

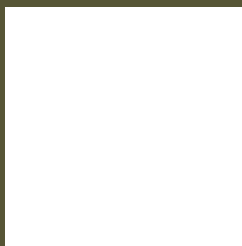
Any Text WCAG AAA × Fail

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

HunterLab 29.5508, -5.0280, 11.3632 Background



This preview shows how black text looks on a background with the HunterLab color 29.5508, -5.0280, 11.3632.



This preview shows how white text looks on a background with the HunterLab color 29.5508, -5.0280, 11.3632.

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

29.5508, -5.0280, 11.3632

Protanopia

29.4255, -2.7986, 11.5368

Deuteranopia

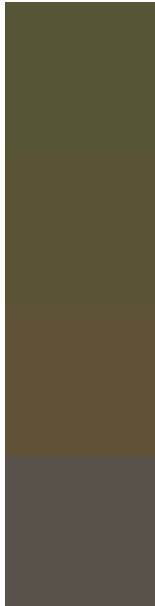
29.5178, 1.4991, 11.2048



Tritanopia

29.5747, 1.8351, 0.1794

Trichromacy



Original Color

29.5508, -5.0280, 11.3632

Protanomaly

29.5168, -3.8196, 11.5954

Deuteranomaly

29.5530, -0.9671, 11.1917

Tritanomaly

29.4388, -0.5420, 4.7241

Monochromacy



Original Color

29.5508, -5.0280, 11.3632

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.1212, -3.1647, 5.7520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5508, -5.0280, 11.3632 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(86, 85, 53)` looks like.

```
.text, #text, p{  
    color:rgb(86, 85, 53)  
}
```

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(86, 85, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 85, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5508, -5.0280, 11.3632 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(86, 85, 53) }
```


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

```
.border{ border-color:rgb(86, 85, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 85, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 85, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 85, 53);  
box-shadow:4px 4px 4px 4px rgb(86, 85, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5508, -5.0280, 11.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 85, 53) }
```

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

```
.background{ background-color: rgb(86, 85,  
53) }
```

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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