

Converting Colors

HunterLab(29.9553, -23.3895,
13.6822)

Have a look what the booklet for
HunterLab(29.9553, -23.3895,
13.6822) contains.

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Color

**HunterLab(29.8911,
-23.3577, 13.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	05622A
RGB	5, 98, 42
RGB Percent	2%, 38%, 16%
CMY	0.9804, 0.6157, 0.8353
CMYK	0.95, 0.00, 0.57, 0.62
HSL	144°, 90%, 20%
HSV	144°, 95%, 38%
XYZ	4.8482, 8.9348, 3.6595
YIQ	63.8090, -37.4520, -37.1320

Conversions

Conversions Part 2

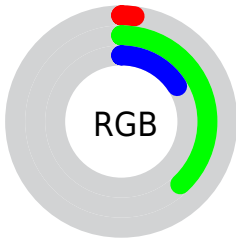
Format	Color
RYB	5, 72, 98
Decimal	352810
CIELab	35.86, -38.10, 24.87
CIELCh	36, 45.495, 146.865
Yxy	8.9351, 0.2780, 0.5122
Android (android.graphics.Color)	4278542890 (0xFF05622A)
YUV	63.8090, -10.7518, -51.5755
Hunter-Lab	29.8911, -23.3577, 13.6650

Details

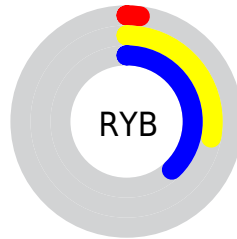
The HunterLab color $[29.8911, -23.3577, 13.6650]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[17.4422, 30.2021, -3.7318]$, and the grayscale version is $[22.6224, -1.2071, 1.2291]$.

A 20% lighter version of the original color is $[48.8606, -29.5818, 18.1212]$, and $[15.1037, -12.9514, 9.0801]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.8029, -23.8021, 14.1309]$, and if you desaturate by 10%, it is $[30.0802, -22.4171, 12.6519]$.

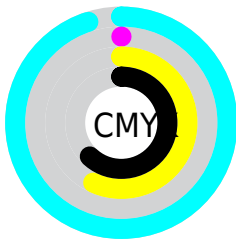
Distribution



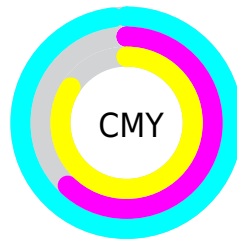
- Red (2%)
- Green (38%)
- Blue (16%)



- Red (2%)
- Yellow (28%)
- Blue (38%)



- Cyan (95%)
- Magenta (0%)
- Yellow (57%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8911, -23.3577, 13.6650 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 29.8911, -23.3577, 13.6650 by changing the saturation by 10% instead.

■ 29.8911, -23.3577,
13.6650

■ 29.8911, -23.3577,
13.6650

135.2381,
-47.4925, 31.3755

■ 21.6769, -19.8810,
11.2336

■ 48.7569, -29.5267,
18.0574

■ 14.3934, -16.0270,
9.3625

■ 59.2807, -32.3529,
20.1009

■ 8.0538, -14.0942,
5.6377

■ 70.4687, -35.0599,
22.0762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.2835, -37.6727,
23.9998

0.0000, NaN, NaN

■ 94.6935, -40.2099,
25.8834

0.0000, NaN, NaN

■ 107.6713,

0.0000, NaN, NaN

-42.6854, 27.7362

0.0000, NaN, NaN

121.1932,
-45.1101, 29.5651

29.8911, -23.3577,
13.6650

29.8911, -23.3577,
13.6650

29.8029, -23.8021,
14.1309

30.0802, -22.4171,
12.6519

30.3345, -21.1906,
11.5468

30.6688, -19.6296,
10.3687

31.0876, -17.7298,
9.1312

31.5935, -15.4965,
7.8484

■ 32.1880, -12.9439,
6.5348

■ 32.8712, -10.0925,
5.2042

■ 33.6421, -6.9673,
3.8696

■ 34.4989, -3.5963,
2.5426

Harmonies

Analogous

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



29.8917, -14.3419, 17.7815



29.8911, -23.3577, 13.6650



29.8917, -26.6575, 3.1935

Triad

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



29.8917, -23.3580, 13.6652



29.8917, -3.2711, -45.2585



29.8917, 31.3452, 12.1121

Complementary

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



29.8911, -23.3577, 13.6650



17.4422, 30.2021, -3.7318

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.



29.8917, 36.0311, -0.0290



29.8911, -23.3577, 13.6650



29.8917, 13.7227, -38.3816

Square

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



29.8917, -23.3580, 13.6652



29.8917, -16.7092, -35.0414



29.8917, 29.0034, -19.3672



29.8917, 17.2820, 17.2762

Rectangle

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



29.8911, -23.3577, 13.6650



29.8917, -25.8327, -8.2423



29.8917, 29.0034, -19.3672



29.8917, 34.1831, 8.9735

Sweetspot

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



29.8917, -23.3580, 13.6652



43.1438, -14.8922, 7.5845



31.2765, -18.1853, 18.6818



20.9018, -7.8143, 3.9573



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



29.8917, -23.3580, 13.6652



39.4269, -31.6662, 19.0781



30.7548, -18.0860, 1.1887



16.9448, -2.4620, 1.5222



34.3791, -27.5415, 16.4833



79.3578, -64.3026, 39.6206

Inverse Universe

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



17.4422, 30.2021, -3.7318



22.5459, 40.9729, -3.7446



16.5599, 26.8975, 8.9407



16.1643, 0.7529, 0.2935



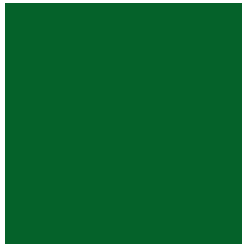
19.6721, 35.7834, -3.5239



45.2733, 82.0023, -5.3988

Previews

White Background



This preview shows how the HunterLab color 29.8911, -23.3577, 13.6650 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 29.8911, -23.3577, 13.6650 Background



This preview shows how black text looks on a background with the HunterLab color 29.8911, -23.3577, 13.6650.



This preview shows how white text looks on a background with the HunterLab color 29.8911,

-23.3577, 13.6650.

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

29.8911, -23.3577, 13.6650

Protanopia

29.7662, -3.2998, 14.6315

Deuteranopia

29.7088, 1.9359, 12.9732



Tritanopia

29.9775, -11.2795, -5.0724

Trichromacy



Original Color

29.8911, -23.3577, 13.6650

Protanomaly

28.8364, -13.7862, 13.5809

Deuteranomaly

28.6341, -11.4814, 12.3027

Tritanomaly

29.6454, -16.7769, 3.5584

Monochromacy



Original Color

29.8911, -23.3577, 13.6650

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.4295, -11.3727, 5.7740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8911, -23.3577, 13.6650 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(5, 98, 42)` looks like.

```
.text, #text, p{  
    color:rgb(5, 98, 42)  
}
```

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(5, 98, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 98, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8911, -23.3577, 13.6650 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(5, 98, 42) }
```


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

```
.border{ border-color:rgb(5, 98, 42) }
```

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

Here you see how a box with a 4 pixel rgb(5, 98, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 98, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 98, 42); box-shadow:4px  
4px 4px 4px rgb(5, 98, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8911, -23.3577, 13.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 98, 42) }
```

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

```
.background{ background-color: rgb(5, 98,  
42) }
```

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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