

Converting Colors

HunterLab(29.5029, -23.7890,
17.7631)

Have a look what the booklet for
HunterLab(29.5029, -23.7890,
17.7631) contains.

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Color

**HunterLab(29.5296,
-23.8371, 17.7787)**

Conversions

Conversions Part 1

Format	Color
Hex	166100
RGB	22, 97, 0
RGB Percent	9%, 38%, 0%
CMY	0.9137, 0.6196, 1.0000
CMYK	0.77, 0.00, 1.00, 0.62
HSL	106°, 100%, 19%
HSV	106°, 100%, 38%
XYZ	4.6056, 8.7200, 1.4404
YIQ	63.5170, -13.5630, -46.0670

Conversions

Conversions Part 2

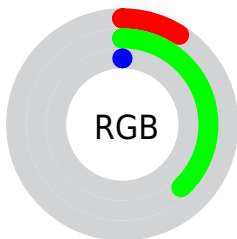
Format	Color
RYB	0, 97, 75
Decimal	1466624
CIELab	35.44, -39.44, 41.39
CIELCh	35, 57.168, 133.618
Yxy	8.7203, 0.3119, 0.5905
Android (android.graphics.Color)	4279656704 (0xFF166100)
YUV	63.5170, -31.3139, -36.4104
Hunter-Lab	29.5296, -23.8371, 17.7787

Details

The HunterLab color **29.5296, -23.8371, 17.7787** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **15.3601, 31.9220, -33.6319**, and the grayscale version is **22.5841, -1.2050, 1.2270**.

A 20% lighter version of the original color is **48.4622, -30.4086, 24.7525**, and **14.8210, -12.7090, 8.9101** is the 20% darker color. If you saturate the color by 10%, you get **29.5301, -23.8379, 17.7790**, and if you desaturate by 10%, it is **29.7314, -22.9179, 17.3634**.

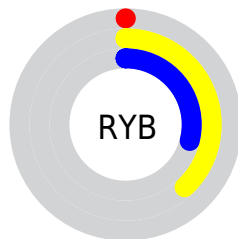
Distribution



Red (9%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (29%)

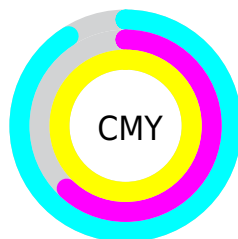


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (91%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5296, -23.8371, 17.7787 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 29.5296, -23.8371, 17.7787 by changing the saturation by 10% instead.

■ 29.5296, -23.8371,
17.7787

■ 29.5296, -23.8371,
17.7787

■ 134.6394,
-48.7145, 44.4972

■ 21.3523, -20.2272,
14.4661

■ 48.3311, -30.2234,
24.6978

■ 14.1104, -16.3196,
9.8773

■ 58.8262, -33.1418,
27.8572

■ 7.7605, -13.5810,
5.4324

■ 69.9872, -35.9333,
30.8685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.7764, -38.6246,
33.7599

0.0000, NaN, NaN

■ 94.1620, -41.2351,
36.5532


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.1166,


-43.7797, 39.2653


0.0000, NaN, NaN


 120.6161,
-46.2698, 41.9097


 29.5296, -23.8371,
17.7787


 29.5296, -23.8371,
17.7787


 29.5301, -23.8379,
17.7790

 29.7314, -22.9179,
17.3634

 29.9858, -21.7653,
16.8418

 30.3078, -20.3025,
16.0328

 30.7003, -18.5250,
14.9187

 31.1650, -16.4364,
13.4915

■ 31.7029, -14.0471,
11.7516

■ 32.3139, -11.3725,
9.7059

■ 32.9973, -8.4320,
7.3668

■ 33.7518, -5.2477,
4.7509

Harmonies

Analogous

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



29.5302, -10.1587, 19.8931



29.5296, -23.8371, 17.7787



29.5302, -30.3180, 10.2290

Triad

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



29.5302, -23.8376, 17.7788



29.5302, -11.7316, -60.1405



29.5302, 46.3120, 9.0363

Complementary

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



29.5296, -23.8371, 17.7787



15.3601, 31.9220, -33.6319

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.



29.5302, 45.5572, -10.7946



29.5296, -23.8371, 17.7787



29.5302, 8.1119, -61.3521

Square

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



29.5302, -23.8376, 17.7788



29.5302, -24.7215, -36.8073



29.5302, 30.1928, -39.4719



29.5302, 32.0406, 17.4061

Rectangle

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



29.5296, -23.8371, 17.7787



29.5302, -31.1543, -0.8147



29.5302, 30.1928, -39.4719



29.5302, 47.9036, 3.8403

Sweetspot

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



29.5302, -23.8376, 17.7788



42.2318, -15.2104, 12.9576



27.3652, 0.4033, 16.8691



20.9244, -8.0996, 6.8592



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.



29.5302, -23.8376, 17.7788



38.6085, -31.4319, 23.2401



29.3663, -24.2817, 15.7124



16.9735, -2.4463, 2.2279



34.4164, -27.9264, 20.7183



79.3334, -65.4558, 47.7389

Inverse Universe

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



15.3601, 31.9220, -33.6319



19.9994, 41.6465, -44.4170



17.3155, 32.2892, -9.2553



16.1305, 0.7361, -0.5057



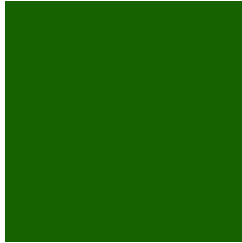
17.8575, 37.1573, -39.4357



40.7808, 85.2213, -92.8940

Previews

White Background



This preview shows how the HunterLab color 29.5296, -23.8371, 17.7787 looks on a white background.

Color Contrast Check

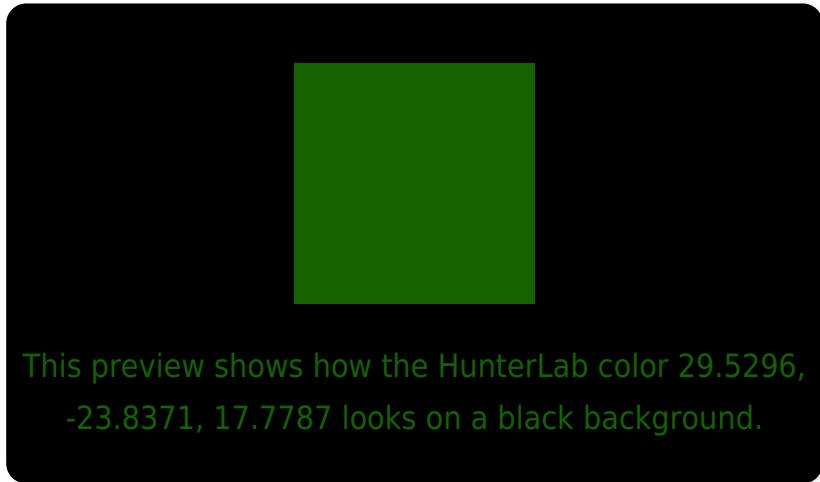
Large Text (above 18pt) WCAG AA ✓ Pass

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

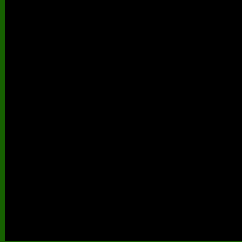
Any Text WCAG AA × Fail

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 29.5296, -23.8371, 17.7787 Background



This preview shows how black text looks on a background with the HunterLab color 29.5296, -23.8371, 17.7787.



This preview shows how white text looks on a background with the HunterLab color 29.5296,

-23.8371, 17.7787.

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

29.5296, -23.8371, 17.7787

Protanopia

29.2681, -4.2014, 17.9613

Deuteranopia

29.4098, 1.6829, 16.7214



Tritanopia

29.5521, -10.0631, -4.6559

Trichromacy



Original Color

29.5296, -23.8371, 17.7787

Protanomaly

28.6503, -13.5436, 17.4171

Deuteranomaly

28.6016, -10.7219, 16.6471

Tritanomaly

29.2742, -17.4083, 8.5036

Monochromacy



Original Color

29.5296, -23.8371, 17.7787

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.4580, -11.7746, 9.7793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5296, -23.8371, 17.7787 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(22, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(22, 97, 0)  
}
```

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(22, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 97, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5296, -23.8371, 17.7787 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(22, 97, 0) }
```


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

```
.border{ border-color:rgb(22, 97, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 97, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 97, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 97, 0); box-shadow:4px  
4px 4px 4px rgb(22, 97, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5296, -23.8371, 17.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 97, 0) }
```

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

```
.background{ background-color: rgb(22, 97,  
0) }
```

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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