

Converting Colors

HunterLab(28.2988, -23.2490,
16.3827)

Have a look what the booklet for
HunterLab(28.2988, -23.2490,
16.3827) contains.

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Color

**HunterLab(28.1621,
-23.1294, 16.2819)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5D0B
RGB	12, 93, 11
RGB Percent	5%, 36%, 4%
CMY	0.9529, 0.6353, 0.9568
CMYK	0.87, 0.00, 0.88, 0.64
HSL	119°, 79%, 20%
HSV	119°, 88%, 36%
XYZ	4.1264, 7.9310, 1.6300
YIQ	59.4330, -21.9540, -42.6740

Conversions

Conversions Part 2

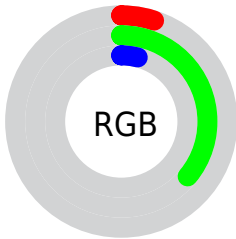
Format	Color
R_{YB}	11, 93, 92
Decimal	810251
CIE Lab	33.84, -39.09, 36.64
CIE LCh	34, 53.577, 136.857
Yxy	7.9314, 0.3015, 0.5794
Android (android.graphics.Color)	4279000331 (0xFF0C5D0B)
YUV	59.4330, -23.8775, -41.5987
Hunter-Lab	28.1621, -23.1294, 16.2819

Details

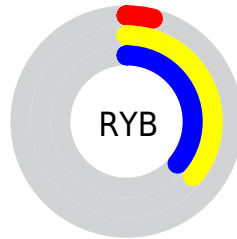
The HunterLab color **28.1621, -23.1294, 16.2819** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18.1806, 32.0973, -22.0090**, and the grayscale version is **21.1474, -1.1284, 1.1490**.

A 20% lighter version of the original color is **46.5948, -29.4775, 22.3963**, and **13.9785, -11.9866, 8.4037** is the 20% darker color. If you saturate the color by 10%, you get **28.0195, -23.8126, 16.7451**, and if you desaturate by 10%, it is **28.3586, -22.2045, 15.6722**.

Distribution



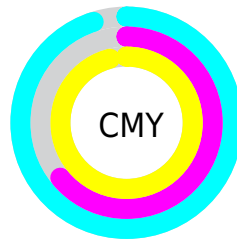
- Red (5%)
- Green (36%)
- Blue (4%)



- Red (4%)
- Yellow (36%)
- Blue (36%)



- Cyan (87%)
- Magenta (0%)
- Yellow (88%)
- Black (64%)



- Cyan (95%)
- Magenta (64%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1621, -23.1294, 16.2819 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 28.1621, -23.1294, 16.2819 by changing the saturation by 10% instead.

■ 28.1621, -23.1294,
16.2819

■ 28.1621, -23.1294,
16.2819

■ 132.3604,
-47.9896, 40.5385

■ 20.1273, -19.4900,
13.1694

■ 46.7159, -29.5365,
22.5447

■ 13.0467, -15.9647,
9.1327

■ 57.1005, -32.4558,
25.4025

■ 6.5197, -11.4094,
4.5638

■ 68.1576, -35.2447,
28.1294

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.8485, -37.9311,
30.7519

0.0000, NaN, NaN

■ 92.1406, -40.5352,
33.2902

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.0058,

-43.0722, 35.7597

0.0000, NaN, NaN

■ 118.4196,
-45.5539, 38.1726

■ 28.1621, -23.1294,
16.2819

■ 28.1621, -23.1294,
16.2819

■ 28.0195, -23.8126,
16.7451

■ 28.3586, -22.2045,
15.6722

■ 27.9934, -23.9374,
16.8304

■ 28.6399, -20.8876,
14.7938

■ 29.0125, -19.1648,
13.6362

■ 29.4803, -17.0364,
12.1989

■ 30.0452, -14.5153,
10.4900

■ 30.7076, -11.6241,
8.5247

■ 31.4667, -8.3927,
6.3233

■ 32.3203, -4.8557,
3.9095

■ 33.2655, -1.0498,
1.3083

Harmonies

Analogous

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



28.1627, -11.1392, 18.6734



28.1621, -23.1294, 16.2819



28.1627, -28.5466, 8.2212

Triad

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



28.1627, -23.1298, 16.2820



28.1627, -9.1807, -55.7600



28.1627, 41.5247, 9.7189

Complementary

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



28.1621, -23.1294, 16.2819



18.1806, 32.0973, -22.0090

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.



28.1627, 42.4478, -7.3478



28.1621, -23.1294, 16.2819



28.1627, 9.6302, -54.2961

Square

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



28.1627, -23.1298, 16.2820



28.1627, -22.0182, -36.2805



28.1627, 29.6147, -33.0460



28.1627, 27.3481, 16.7697

Rectangle

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



28.1621, -23.1294, 16.2819



28.1627, -28.9344, -2.8369



28.1627, 29.6147, -33.0460



28.1627, 43.5034, 5.2984

Sweetspot

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



28.1627, -23.1298, 16.2820



40.2991, -14.6471, 10.7711



31.5320, -7.7966, 18.6978



20.0740, -7.7848, 5.7001



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.1627, -23.1298, 16.2820



36.6146, -31.3310, 22.0132



28.5237, -20.8663, 10.7878



16.0855, -2.5392, 2.0300



33.2943, -28.4834, 20.0171



77.8934, -66.7322, 46.8293

Inverse Universe

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



18.1806, 32.0973, -22.0090



22.8726, 45.0827, -31.0544



16.8141, 26.6840, -1.2066



15.4308, 0.9274, -0.3672



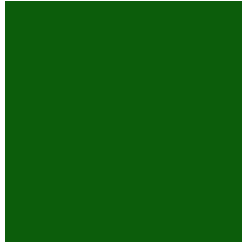
20.7996, 40.9958, -28.2320



48.6425, 95.8895, -66.1468

Previews

White Background



This preview shows how the HunterLab color 28.1621, -23.1294, 16.2819 looks on a white background.

Color Contrast Check

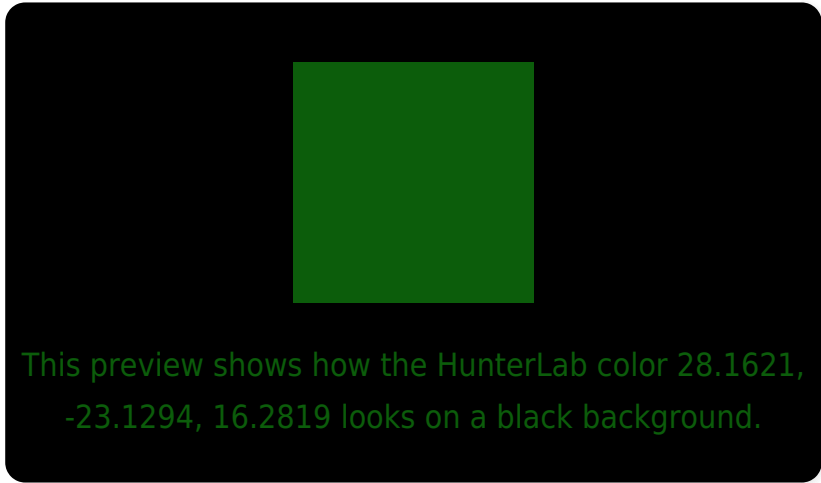
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1621, -23.1294, 16.2819 Background



This preview shows how black text looks on a background with the HunterLab color 28.1621, -23.1294, 16.2819.



This preview shows how white text looks on a background with the HunterLab color 28.1621, -23.1294, 16.2819.

-23.1294, 16.2819.

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

28.1621, -23.1294, 16.2819

Protanopia

28.1498, -4.1266, 16.9107

Deuteranopia

28.1711, 1.2943, 15.7841



Tritanopia

28.1333, -9.7482, -5.1524

Trichromacy



Original Color

28.1621, -23.1294, 16.2819

Protanomaly

27.4566, -13.7299, 16.1822

Deuteranomaly

27.0318, -10.9190, 15.2106

Tritanomaly

27.9123, -16.6589, 6.6046

Monochromacy



Original Color

28.1621, -23.1294, 16.2819

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.7286, -11.2980, 8.0933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1621, -23.1294, 16.2819 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(12, 93, 11)` looks like.

```
.text, #text, p{  
    color:rgb(12, 93, 11)  
}
```

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(12, 93, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 93, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1621, -23.1294, 16.2819 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(12, 93, 11) }
```


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

```
.border{ border-color:rgb(12, 93, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 93, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 93, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 93, 11);  
box-shadow:4px 4px 4px 4px rgb(12, 93, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.1621, -23.1294, 16.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 93, 11) }
```

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

```
.background{ background-color: rgb(12, 93,  
11) }
```

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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