

Converting Colors

HunterLab(22.8572, -18.3809,
8.2381)

Have a look what the booklet for
HunterLab(22.8572, -18.3809,
8.2381) contains.

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Color

**HunterLab(23.0846,
-17.3192, 8.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	004C29
RGB	0, 76, 41
RGB Percent	0%, 30%, 16%
CMY	1.0000, 0.7020, 0.8392
CMYK	1.00, 0.00, 0.46, 0.70
HSL	152°, 100%, 15%
HSV	152°, 100%, 30%
XYZ	2.9847, 5.3290, 2.9691
YIQ	49.2860, -34.0610, -26.9970

Conversions

Conversions Part 2

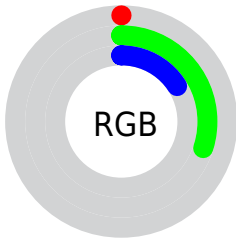
Format	Color
RYB	0, 49, 76
Decimal	19497
CIELab	27.65, -30.41, 15.06
CIELCh	28, 33.937, 153.648
Yxy	5.3292, 0.2645, 0.4723
Android (android.graphics.Color)	4278209577 (0xFF004C29)
YUV	49.2860, -4.0850, -43.2238
Hunter-Lab	23.0846, -17.3192, 8.5334

Details

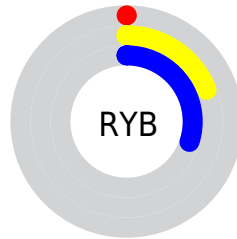
The HunterLab color **23.0846, -17.3192, 8.5334** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.8762, 22.9927, 1.0142**, and the grayscale version is **17.6426, -0.9414, 0.9586**.

A 20% lighter version of the original color is **40.7455, -22.6524, 11.5899**, and **10.4293, -8.9432, 6.2700** is the 20% darker color. If you saturate the color by 10%, you get **23.0850, -17.3196, 8.5337**, and if you desaturate by 10%, it is **23.2460, -16.5402, 7.8302**.

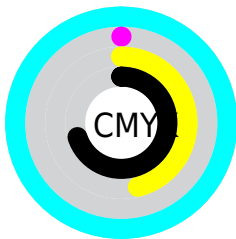
Distribution



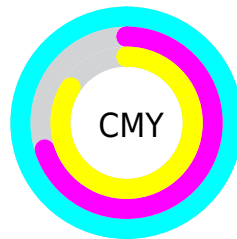
- Red (0%)
- Green (30%)
- Blue (16%)



- Red (0%)
- Yellow (19%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0846, -17.3192, 8.5334 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 23.0846, -17.3192, 8.5334 by changing the saturation by 10% instead.

■ 23.0846, -17.3192,
8.5334

■ 23.0846, -17.3192,
8.5334

■ 123.6745,
-38.1113, 21.3886

■ 15.6259, -14.2571,
6.8442

■ 40.6480, -22.6549,
11.6030

■ 9.2044, -14.8885,
6.4431

■ 50.5937, -25.0821,
13.0532

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.2398, -27.4046,
14.4723

0.0000, NaN, NaN

■ 72.5428, -29.6473,
15.8710

0.0000, NaN, NaN

■ 84.4665, -31.8277,
17.2572


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 96.9802, -33.9590,


18.6363


0.0000, NaN, NaN


 110.0573,
-36.0509, 20.0124


 23.0846, -17.3192,
8.5334


 23.0846, -17.3192,
8.5334


 23.0850, -17.3196,
8.5337

 23.2460, -16.5402,
7.8302

 23.4217, -15.6982,
7.0786

 23.6482, -14.6486,
6.3170

 23.9312, -13.3764,
5.5569

 24.2731, -11.8822,
4.8069

■ 24.6750, -10.1725,
4.0752

■ 25.1376, -8.2578,
3.3690

■ 25.6605, -6.1521,
2.6945

■ 26.2431, -3.8716,
2.0571

Harmonies

Analogous

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



23.0851, -11.8412, 12.5275



23.0846, -17.3192, 8.5334



23.0851, -18.8041, -0.0634

Triad

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



23.0851, -17.3194, 8.5336



23.0851, 0.1311, -29.2740



23.0851, 19.1902, 9.8686

Complementary

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



23.0846, -17.3192, 8.5334



12.8762, 22.9927, 1.0142

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.



23.0851, 23.9519, 2.5030



23.0846, -17.3192, 8.5334



23.0851, 11.7223, -22.6132

Square

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



23.0851, -17.3194, 8.5336



23.0851, -9.9069, -25.0908



23.0851, 20.9920, -9.6025



23.0851, 8.9472, 13.0054

Rectangle

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



23.0846, -17.3192, 8.5334



23.0851, -17.6151, -8.3808



23.0851, 20.9920, -9.6025



23.0851, 21.5639, 7.9687

Sweetspot

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



23.0851, -17.3194, 8.5336



33.1123, -11.2046, 4.5525



23.5259, -16.1798, 14.2132



16.9002, -6.0506, 2.4426



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.0851, -17.3194, 8.5336



30.4504, -23.0270, 11.6484



23.1272, -11.7764, -3.4849



13.7113, -1.8521, 1.0288



31.2711, -23.6631, 11.9958



76.0040, -58.3608, 30.9859

Inverse Universe

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



12.8762, 22.9927, 1.0142



16.9521, 30.1853, 2.0062



12.6158, 20.4841, 8.1322



13.0914, 0.4618, 0.4481



17.4063, 30.9868, 2.1170



42.1599, 74.6532, 8.2276

Previews

White Background



This preview shows how the HunterLab color 23.0846, -17.3192, 8.5334 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 23.0846, -17.3192, 8.5334 Background



This preview shows how black text looks on a background with the HunterLab color 23.0846, -17.3192, 8.5334.



This preview shows how white text looks on a background with the HunterLab color 23.0846,

-17.3192, 8.5334.

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

23.0846, -17.3192, 8.5334

Protanopia

23.2545, -2.6640, 9.8202

Deuteranopia

23.2360, 1.2546, 8.2597



Tritanopia

23.3367, -8.7198, -4.0849

Trichromacy



Original Color

23.0846, -17.3192, 8.5334

Protanomaly

22.5856, -10.5458, 8.9188

Deuteranomaly

22.3311, -8.5563, 7.5424

Tritanomaly

22.9681, -12.3240, 1.0274

Monochromacy



Original Color

23.0846, -17.3192, 8.5334

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

19.0171, -8.6673, 3.5079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0846, -17.3192, 8.5334 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(0, 76, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 41)  
}
```

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(0, 76, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0846, -17.3192, 8.5334 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(0, 76, 41) }
```


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

```
.border{ border-color:rgb(0, 76, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 41); box-shadow:4px  
4px 4px 4px rgb(0, 76, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0846, -17.3192, 8.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 41) }
```

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

```
.background{ background-color: rgb(0, 76,  
41) }
```

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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