

Converting Colors

HunterLab(23.6261, -18.4172,
12.1016)

Have a look what the booklet for
HunterLab(23.6261, -18.4172,
12.1016) contains.

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Color

**HunterLab(23.6493,
-18.4343, 12.0834)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4E18
RGB	12, 78, 24
RGB Percent	5%, 31%, 9%
CMY	0.9529, 0.6941, 0.9059
CMYK	0.85, 0.00, 0.69, 0.69
HSL	131°, 73%, 18%
HSV	131°, 85%, 31%
XYZ	3.0409, 5.5929, 1.7834
YIQ	52.1100, -22.0020, -30.7860

Conversions

Conversions Part 2

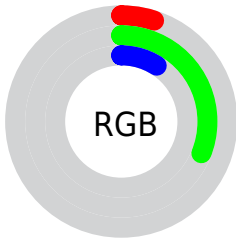
Format	Color
RYB	12, 68, 78
Decimal	806424
CIELab	28.36, -32.48, 25.69
CIElCh	28, 41.416, 141.657
Yxy	5.5931, 0.2919, 0.5369
Android (android.graphics.Color)	4278996504 (0xFF0C4E18)
YUV	52.1100, -13.8582, -35.1765
Hunter-Lab	23.6493, -18.4343, 12.0834

Details

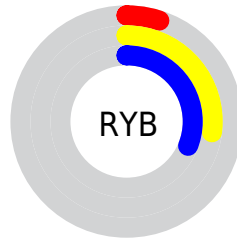
The HunterLab color $[23.6493, -18.4343, 12.0834]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[15.0867, 23.9640, -10.5407]$, and the grayscale version is $[18.6191, -0.9935, 1.0116]$.

A 20% lighter version of the original color is $[41.3636, -24.0170, 16.7621]$, and $[10.9639, -9.4015, 6.5913]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.4916, -19.2025, 12.7357]$, and if you desaturate by 10%, it is $[23.8566, -17.4450, 11.2780]$.

Distribution



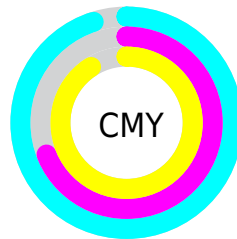
- Red (5%)
- Green (31%)
- Blue (9%)



- Red (5%)
- Yellow (27%)
- Blue (31%)



- Cyan (85%)
- Magenta (0%)
- Yellow (69%)
- Black (69%)



- Cyan (95%)
- Magenta (69%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6493, -18.4343, 12.0834 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 23.6493, -18.4343, 12.0834 by changing the saturation by 10% instead.

■ 23.6493, -18.4343,
12.0834

■ 23.6493, -18.4343,
12.0834

124.6599,
-40.2868, 30.7022

■ 16.1223, -15.1995,
9.7519

■ 41.3291, -24.0664,
16.8223

■ 9.6245, -15.2314,
6.7371

■ 51.3261, -26.6237,
18.9886

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0200, -29.0673,
21.0660

0.0000, NaN, NaN

■ 73.3682, -31.4235,
23.0760

0.0000, NaN, NaN

■ 85.3347, -33.7112,
25.0344


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.8892, -35.9443,


26.9526


0.0000, NaN, NaN


 111.0053,
-38.1334, 28.8396


 23.6493, -18.4343,
12.0834


 23.6493, -18.4343,
12.0834


 23.4916, -19.2025,
12.7357


 23.8566, -17.4450,
11.2780

 23.4120, -19.5847,
13.0148

 24.1296, -16.1667,
10.3322

 24.4722, -14.5980,
9.2525

 24.8862, -12.7452,
8.0485

 25.3722, -10.6219,
6.7321

■ 25.9303, -8.2466,
5.3165

■ 26.5592, -5.6418,
3.8160

■ 27.2574, -2.8317,
2.2447

■ 28.0225, 0.1585,
0.6164

Harmonies

Analogous

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



23.6498, -10.1365, 14.7307



23.6493, -18.4343, 12.0834



23.6498, -21.9258, 4.6105

Triad

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



23.6498, -18.4346, 12.0835



23.6498, -4.9283, -38.7462



23.6498, 28.1733, 8.7331

Complementary

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



23.6493, -18.4343, 12.0834



15.0867, 23.9640, -10.5407

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.



23.6498, 30.4557, -2.6013



23.6493, -18.4343, 12.0834



23.6498, 9.1484, -35.3097

Square

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



23.6498, -18.4346, 12.0835



23.6498, -15.3612, -27.5954



23.6498, 22.8558, -19.8456



23.6498, 17.1814, 13.6477

Rectangle

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



23.6493, -18.4343, 12.0834



23.6498, -21.7637, -4.2923



23.6498, 22.8558, -19.8456



23.6498, 30.0703, 5.7704

Sweetspot

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



23.6498, -18.4346, 12.0835



34.1408, -11.3210, 7.2736



25.8242, -9.9011, 14.9408



16.9718, -5.9456, 3.8045



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.



23.6498, -18.4346, 12.0835



30.9002, -25.9715, 17.4424



24.1096, -15.6126, 5.3817



13.6809, -2.0210, 1.4629



75.1538, -63.6595, 43.4869

Inverse Universe

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



15.0867, 23.9640, -10.5407



18.5913, 35.2351, -14.3200



14.1359, 20.2442, 2.7170



13.1241, 0.6377, -0.0167



45.1236, 85.2999, -33.0457

Previews

White Background



This preview shows how the HunterLab color 23.6493, -18.4343, 12.0834 looks on a white background.

Color Contrast Check

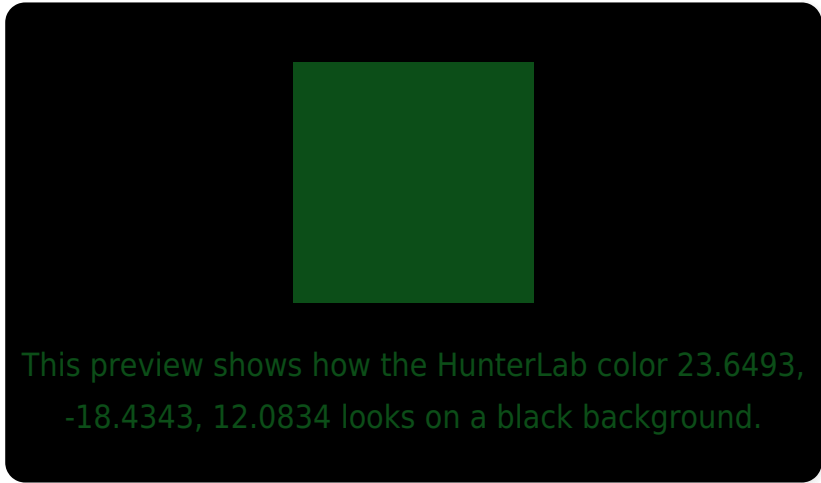
Large Text (above 18pt) WCAG AA ✓ Pass

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

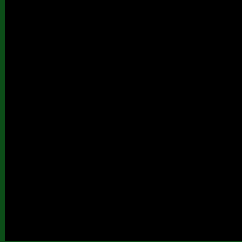
Any Text WCAG AA × Fail

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 23.6493, -18.4343, 12.0834 Background



This preview shows how black text looks on a background with the HunterLab color 23.6493, -18.4343, 12.0834.



This preview shows how white text looks on a background with the HunterLab color 23.6493,

-18.4343, 12.0834.

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

23.6493, -18.4343, 12.0834

Protanopia

23.5888, -3.1104, 12.6976

Deuteranopia

23.6527, 1.0387, 11.6791



Tritanopia

23.7759, -8.4165, -3.9430

Trichromacy



Original Color

23.6493, -18.4343, 12.0834

Protanomaly

23.0097, -10.6777, 12.0357

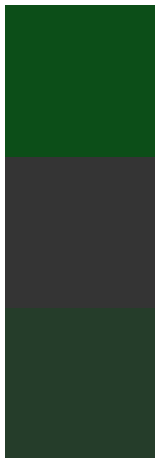
Deuteranomaly

22.8150, -8.5270, 11.2146

Tritanomaly

23.5682, -13.1729, 3.8829

Monochromacy



Original Color

23.6493, -18.4343, 12.0834

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.7433, -8.7872, 5.4337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6493, -18.4343, 12.0834 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, 78, 24)` looks like.

```
.text, #text, p{  
    color:rgb(12, 78, 24)  
}
```

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, 78, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 78, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6493, -18.4343, 12.0834 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, 78, 24) }
```

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

```
.border{ border-color:rgb(12, 78, 24) }
```

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

Here you see how a box with a 4 pixel rgb(12, 78, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 78, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 78, 24);  
box-shadow:4px 4px 4px 4px rgb(12, 78, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6493, -18.4343, 12.0834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 78, 24) }
```

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

```
.background{ background-color: rgb(12, 78,  
24) }
```

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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