

Converting Colors

HunterLab(30.0545, -23.9200,
15.9546)

Have a look what the booklet for
HunterLab(30.0545, -23.9200,
15.9546) contains.

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Color

**HunterLab(30.1813,
-24.0239, 16.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	0F631C
RGB	15, 99, 28
RGB Percent	6%, 39%, 11%
CMY	0.9412, 0.6118, 0.8902
CMYK	0.85, 0.00, 0.72, 0.61
HSL	129°, 74%, 22%
HSV	129°, 85%, 39%
XYZ	4.8685, 9.1091, 2.6003
YIQ	65.7900, -27.2730, -39.8890

Conversions

Conversions Part 2

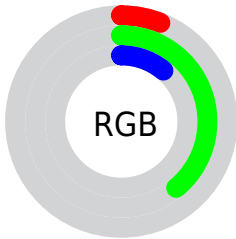
Format	Color
R_{YB}	15, 88, 99
Decimal	1008412
CIE _{Lab}	36.19, -39.28, 32.39
CIE _{LCh}	36, 50.917, 140.490
Yxy	9.1095, 0.2937, 0.5495
Android (android.graphics.Color)	4279198492 (0xFF0F631C)
YUV	65.7900, -18.6305, -44.5428
Hunter-Lab	30.1813, -24.0239, 16.0188

Details

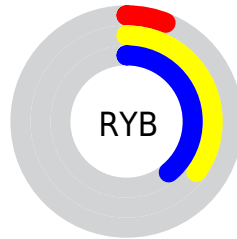
The HunterLab color **30.1813, -24.0239, 16.0188** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.1477, 31.7138, -14.9081**, and the grayscale version is **23.3382, -1.2453, 1.2680**.

A 20% lighter version of the original color is **49.1849, -30.3600, 21.5337**, and **15.3872, -13.1945, 9.2505** is the 20% darker color. If you saturate the color by 10%, you get **30.0103, -24.8665, 16.7828**, and if you desaturate by 10%, it is **30.4288, -22.8366, 15.0401**.

Distribution



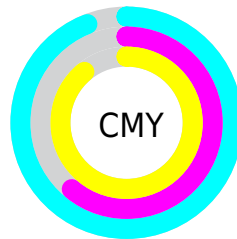
- Red (6%)
- Green (39%)
- Blue (11%)



- Red (6%)
- Yellow (35%)
- Blue (39%)



- Cyan (85%)
- Magenta (0%)
- Yellow (72%)
- Black (61%)



- Cyan (94%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1813, -24.0239, 16.0188 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 30.1813, -24.0239, 16.0188 by changing the saturation by 10% instead.

■ 30.1813, -24.0239,
16.0188

■ 30.1813, -24.0239,
16.0188

■ 135.7176,
-48.7450, 37.7309

■ 21.9378, -20.4548,
12.9438

■ 49.0983, -30.3541,
21.5377

■ 14.6211, -16.4911,
10.2348

■ 59.6451, -33.2519,
24.0758

■ 8.2809, -14.4917,
5.7967

■ 70.8547, -36.0259,
26.5101

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.6899, -38.7019,
28.8626

0.0000, NaN, NaN

■ 95.1193, -41.2989,
31.1496

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.1158,

-43.8314, 33.3837

0.0000, NaN, NaN

121.6555,
-46.3105, 35.5749

30.1813, -24.0239,
16.0188

30.1813, -24.0239,
16.0188

30.0103, -24.8665,
16.7828

30.4288, -22.8366,
15.0401

29.9324, -25.2446,
17.0830

30.7659, -21.2506,
13.8522

31.1981, -19.2596,
12.4616

31.7288, -16.8704,
10.8802

32.3592, -14.1002,
9.1239

■ 33.0893, -10.9750,
7.2116

■ 33.9177, -7.5263,
5.1639

■ 34.8421, -3.7893,
3.0021

■ 35.8593, 0.1998,
0.7467

Harmonies

Analogous

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



30.1819, -12.8433, 19.1045



30.1813, -24.0239, 16.0188



30.1819, -28.8171, 6.6124

Triad

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



30.1819, -24.0243, 16.0189



30.1819, -7.1443, -52.5632



30.1819, 38.3478, 11.0783

Complementary

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



30.1813, -24.0239, 16.0188



19.1477, 31.7138, -14.9081

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.



30.1819, 40.9004, -4.3483



30.1813, -24.0239, 16.0188



30.1819, 11.5474, -48.6586

Square

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



30.1819, -24.0243, 16.0189



30.1819, -20.6994, -36.6324



30.1819, 30.1674, -27.8819



30.1819, 23.8452, 17.6414

Rectangle

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



30.1813, -24.0239, 16.0188



30.1819, -28.7548, -5.0199



30.1819, 30.1674, -27.8819



30.1819, 40.7461, 7.0652

Sweetspot

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



30.1819, -24.0243, 16.0189



43.2501, -14.7459, 9.6694



33.1000, -12.5013, 19.3676



20.9716, -7.6754, 5.0089



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.



30.1819, -24.0243, 16.0189



39.1890, -33.1531, 22.5851



30.7617, -20.4559, 7.5557



16.9180, -2.6112, 1.9051



34.1675, -28.8637, 19.6020



78.9163, -67.0637, 46.1327

Inverse Universe

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



19.1477, 31.7138, -14.9081



23.7239, 45.1707, -19.8843



17.8307, 26.6476, 3.3980



16.1938, 0.9112, -0.1252



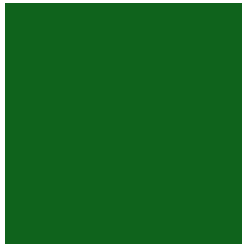
20.6908, 39.4121, -17.4709



47.7133, 90.7072, -38.9100

Previews

White Background



This preview shows how the HunterLab color 30.1813, -24.0239, 16.0188 looks on a white background.

Color Contrast Check

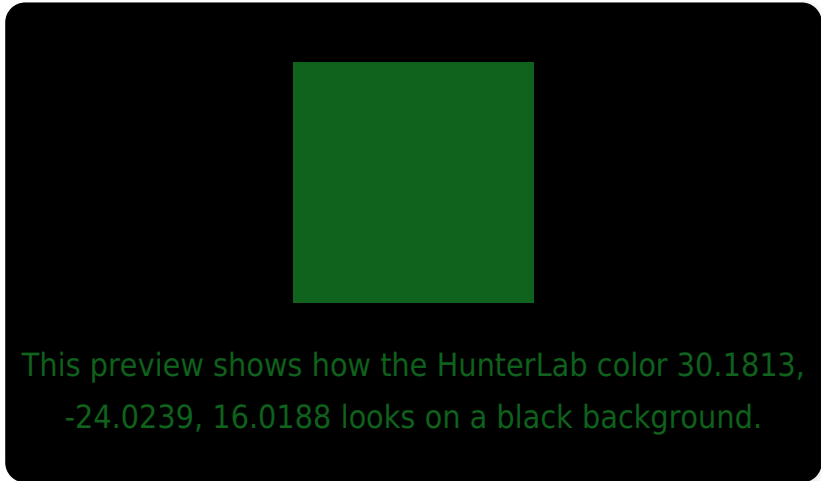
Large Text (above 18pt) WCAG AA ✓ Pass

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

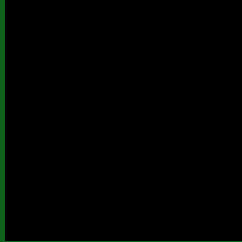
Any Text WCAG AA × Fail

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 30.1813, -24.0239, 16.0188 Background



This preview shows how black text looks on a background with the HunterLab color 30.1813, -24.0239, 16.0188.



This preview shows how white text looks on a background with the HunterLab color 30.1813,

-24.0239, 16.0188.

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

30.1813, -24.0239, 16.0188

Protanopia

29.9931, -4.0872, 16.7018

Deuteranopia

30.1171, 1.7611, 15.4585



Tritanopia

30.1463, -10.5759, -5.3214

Trichromacy



Original Color

30.1813, -24.0239, 16.0188

Protanomaly

29.2246, -14.0170, 15.8968

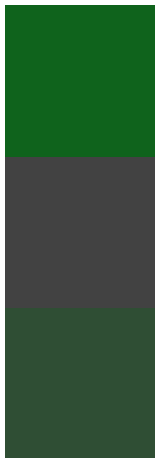
Deuteranomaly

29.1551, -11.2373, 14.9896

Tritanomaly

30.0036, -17.0757, 5.3869

Monochromacy



Original Color

30.1813, -24.0239, 16.0188

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

25.1019, -11.8113, 7.5873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1813, -24.0239, 16.0188 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(15, 99, 28)` looks like.

```
.text, #text, p{  
    color:rgb(15, 99, 28)  
}
```

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(15, 99, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 99, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1813, -24.0239, 16.0188 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(15, 99, 28) }
```


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

```
.border{ border-color:rgb(15, 99, 28) }
```

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

Here you see how a box with a 4 pixel rgb(15, 99, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 99, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 99, 28);  
box-shadow:4px 4px 4px 4px rgb(15, 99, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1813, -24.0239, 16.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 99, 28) }
```

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

```
.background{ background-color: rgb(15, 99,  
28) }
```

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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