

Converting Colors

HunterLab(30.2604, -24.4230,
16.0854)

Have a look what the booklet for
HunterLab(30.2604, -24.4230,
16.0854) contains.

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Color

**HunterLab(30.1198,
-24.2834, 15.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	0A631C
RGB	10, 99, 28
RGB Percent	4%, 39%, 11%
CMY	0.9608, 0.6118, 0.8902
CMYK	0.90, 0.00, 0.72, 0.61
HSL	132°, 82%, 21%
HSV	132°, 90%, 39%
XYZ	4.7966, 9.0720, 2.5969
YIQ	64.2950, -30.2530, -40.9490

Conversions

Conversions Part 2

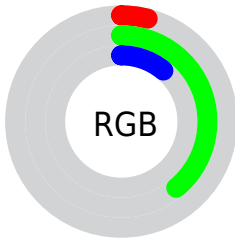
Format	Color
R_YB	10, 84, 99
Decimal	680732
CIE _{Lab}	36.12, -39.90, 32.30
CIE _{LCh}	36, 51.329, 141.008
Yxy	9.0724, 0.2913, 0.5510
Android (android.graphics.Color)	4278870812 (0xFF0A631C)
YUV	64.2950, -17.8934, -47.6167
Hunter-Lab	30.1198, -24.2834, 15.9720

Details

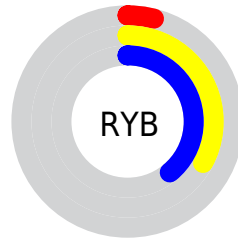
The HunterLab color **30.1198, -24.2834, 15.9720** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.6116, 32.0671, -12.7693**, and the grayscale version is **22.8140, -1.2173, 1.2395**.

A 20% lighter version of the original color is **49.1028, -30.6921, 21.4636**, and **15.3872, -13.1945, 9.2505** is the 20% darker color. If you saturate the color by 10%, you get **29.9592, -25.0782, 16.7023**, and if you desaturate by 10%, it is **30.3290, -23.2635, 15.0341**.

Distribution



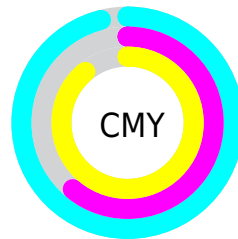
- Red (4%)
- Green (39%)
- Blue (11%)



- Red (4%)
- Yellow (33%)
- Blue (39%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (61%)



- Cyan (96%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1198, -24.2834, 15.9720 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 30.1198, -24.2834, 15.9720 by changing the saturation by 10% instead.

■ 30.1198, -24.2834,
15.9720

■ 30.1198, -24.2834,
15.9720

135.6160,
-49.3317, 37.6372

■ 21.8825, -20.6579,
12.9038

■ 49.0260, -30.7074,
21.4786

■ 14.5728, -16.6510,
10.2010

■ 59.5680, -33.6457,
24.0110

■ 8.2334, -14.4084,
5.7634

■ 70.7730, -36.4570,
26.4400

0.0000, NaN, NaN

■ 82.6039, -39.1677,
28.7873

0.0000, NaN, NaN

■ 95.0292, -41.7974,
31.0694

0.0000, NaN, NaN

■ 108.0217,

0.0000, NaN, NaN

-44.3607, 33.2988

0.0000, NaN, NaN

■ 121.5576,
-46.8692, 35.4855

■ 30.1198, -24.2834,
15.9720

■ 30.1198, -24.2834,
15.9720

■ 29.9592, -25.0782,
16.7023

■ 30.3290, -23.2635,
15.0341

■ 29.9576, -25.0858,
16.7085

■ 30.6225, -21.8650,
13.9116

■ 31.0070, -20.0758,
12.6113

■ 31.4865, -17.8966,
11.1444

■ 32.0630, -15.3397,
9.5257

■ 32.7373, -12.4261,
7.7726

■ 33.5085, -9.1838,
5.9041

■ 34.3750, -5.6453,
3.9397

■ 35.3339, -1.8450,
1.8982

Harmonies

Analogous

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



30.1204, -13.1651, 19.1064



30.1198, -24.2834, 15.9720



30.1204, -28.9841, 6.3958

Triad

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



30.1204, -24.2838, 15.9721



30.1204, -6.8896, -53.3263



30.1204, 38.5576, 11.3055

Complementary

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



30.1198, -24.2834, 15.9720



18.6116, 32.0671, -12.7693

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.



30.1204, 41.3798, -4.0464



30.1198, -24.2834, 15.9720



30.1204, 12.0045, -48.9962

Square

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



30.1204, -24.2838, 15.9721



30.1204, -20.6306, -37.4543



30.1204, 30.7344, -27.7613



30.1204, 23.7491, 17.7409

Rectangle

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



30.1198, -24.2834, 15.9720



30.1204, -28.8555, -5.4419



30.1204, 30.7344, -27.7613



30.1204, 41.0586, 7.3332

Sweetspot

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



30.1204, -24.2838, 15.9721



43.0815, -15.4057, 9.6710



32.7172, -14.0044, 19.3946



20.9020, -7.9438, 4.9686



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.



30.1204, -24.2838, 15.9721



39.2197, -32.9606, 22.1313



30.7577, -20.3591, 6.6785



16.9232, -2.5823, 1.8310



34.1953, -28.6894, 19.1910



78.9690, -66.7331, 45.3532

Inverse Universe

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



18.6116, 32.0671, -12.7693



23.4608, 44.2419, -16.3476



17.3250, 27.2092, 5.2460



16.1880, 0.8800, -0.0426



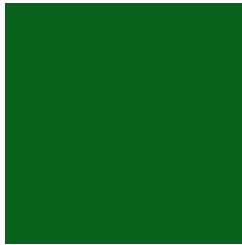
20.4638, 38.6111, -14.4214



47.1635, 88.7648, -31.5058

Previews

White Background



This preview shows how the HunterLab color 30.1198, -24.2834, 15.9720 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 30.1198, -24.2834, 15.9720 Background



This preview shows how black text looks on a background with the HunterLab color 30.1198, -24.2834, 15.9720.



This preview shows how white text looks on a background with the HunterLab color 30.1198,

-24.2834, 15.9720.

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

30.1198, -24.2834, 15.9720

Protanopia

29.9931, -4.0872, 16.7018

Deuteranopia

30.0158, 1.4195, 15.3795



Tritanopia

30.0763, -10.8407, -5.4244

Trichromacy



Original Color

30.1198, -24.2834, 15.9720

Protanomaly

29.1076, -14.4749, 15.8092

Deuteranomaly

28.9583, -11.9901, 14.8362

Tritanomaly

29.9247, -17.3915, 5.2989

Monochromacy



Original Color

30.1198, -24.2834, 15.9720

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.6622, -12.1078, 7.4553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1198, -24.2834, 15.9720 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(10, 99, 28)` looks like.

```
.text, #text, p{  
    color:rgb(10, 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(10, 99, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 99, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1198, -24.2834, 15.9720 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(10, 99, 28) }
```


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

```
.border{ border-color:rgb(10, 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(10, 99, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 99, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 99, 28);  
box-shadow:4px 4px 4px 4px rgb(10, 99, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1198, -24.2834, 15.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 99, 28) }
```

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

```
.background{ background-color: rgb(10, 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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