

Converting Colors

HunterLab(24.0212, -12.5148,
3.3348)

Have a look what the booklet for
HunterLab(24.0212, -12.5148,
3.3348) contains.

HunterLab(24.0680, -12.5320, 3.3843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.0680,
-12.5320, 3.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4C3E
RGB	30, 76, 62
RGB Percent	12%, 30%, 24%
CMY	0.8823, 0.7020, 0.7569
CMYK	0.61, 0.00, 0.18, 0.70
HSL	162°, 43%, 21%
HSV	162°, 61%, 30%
XYZ	3.9894, 5.7927, 5.4653
YIQ	60.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

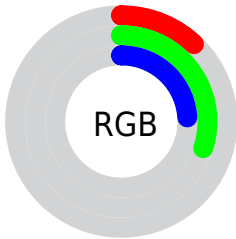
Format	Color
RYB	30, 57, 76
Decimal	1985598
CIELab	28.88, -19.70, 3.61
CIELCh	29, 20.027, 169.616
Yxy	5.7929, 0.2616, 0.3799
Android (android.graphics.Color)	4280175678 (0xFF1E4C3E)
YUV	60.6500, 0.6656, -26.8800
Hunter-Lab	24.0680, -12.5320, 3.3843

Details

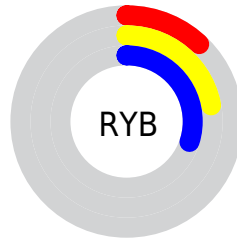
The HunterLab color **24.0680, -12.5320, 3.3843** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2697, 14.3113, 1.5914**, and the grayscale version is **21.4851, -1.1464, 1.1673**.

A 20% lighter version of the original color is **41.7536, -16.1316, 4.9014**, and **10.4093, -7.1938, 2.5186** is the 20% darker color. If you saturate the color by 10%, you get **23.8058, -13.6794, 3.8901**, and if you desaturate by 10%, it is **24.3872, -11.1776, 2.9250**.

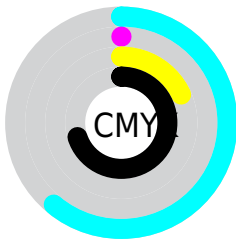
Distribution



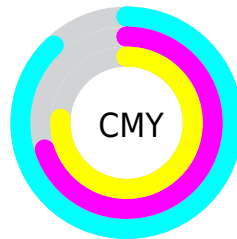
- Red (12%)
- Green (30%)
- Blue (24%)



- Red (12%)
- Yellow (22%)
- Blue (30%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (70%)



- Cyan (88%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0680, -12.5320, 3.3843 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 24.0680, -12.5320, 3.3843 by changing the saturation by 10% instead.

■ 24.0680, -12.5320,
3.3843

■ 24.0680, -12.5320,
3.3843

125.3872,
-27.5964, 10.5362

■ 16.4911, -10.4997,
2.7018

■ 41.8329, -16.2003,
4.8079

■ 9.9355, -9.2326,
2.0705

■ 51.8675, -17.9188,
5.5540

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5966, -19.5903,
6.3243

0.0000, NaN, NaN

■ 73.9778, -21.2279,
7.1189

0.0000, NaN, NaN

■ 85.9758, -22.8413,
7.9377

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.5602, -24.4372,

111.7050,
-26.0209, 9.6468

24.0680, -12.5320,
3.3843

24.0680, -12.5320,
3.3843

23.8058, -13.6794,
3.8901

24.3872, -11.1776,
2.9250

23.5969, -14.6203,
4.4348

24.7635, -9.6193,
2.5169

23.4349, -15.3749,
5.0075

25.1983, -7.8656,
2.1646

23.2914, -16.0510,
5.5373

25.6914, -5.9278,
1.8713

26.2425, -3.8199,
1.6389

■ 26.8504, -1.5572,
1.4679

■ 27.5139, 0.8440,
1.3583

■ 28.2310, 3.3676,
1.3089

■ 28.9999, 5.9978,
1.3179

Harmonies

Analogous

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



24.0685, -10.2036, 7.8888



24.0680, -12.5320, 3.3843



24.0685, -12.1040, -3.1019

Triad

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



24.0685, -12.5322, 3.3846



24.0685, 3.1216, -13.0484



24.0685, 7.4942, 8.8067

Complementary

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



24.0680, -12.5320, 3.3843



16.2697, 14.3113, 1.5914

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.



24.0685, 11.8625, 5.0184



24.0680, -12.5320, 3.3843



24.0685, 9.1559, -7.8896

Square

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



24.0685, -12.5322, 3.3846



24.0685, -3.5288, -13.8327



24.0685, 12.5014, -0.9672



24.0685, 1.0431, 10.4117

Rectangle

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



24.0680, -12.5320, 3.3843



24.0685, -10.2961, -7.7213



24.0685, 12.5014, -0.9672



24.0685, 9.2831, 7.8028

Sweetspot

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



24.0685, -12.5322, 3.3846



34.0456, -7.3305, 2.4080



24.1059, -13.4385, 11.5974



17.3907, -4.0001, 1.2650



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.



24.0685, -12.5322, 3.3846



31.2746, -18.7462, 5.5080



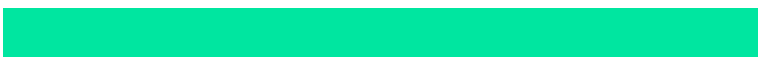
22.0908, -7.2985, -4.8674



13.7249, -1.7765, 0.8346



31.5549, -21.9179, 7.8737



76.7082, -54.0224, 20.7402

Inverse Universe

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



16.2697, 14.3113, 1.5914



19.1741, 23.5747, 3.2604



17.4485, 9.5883, 6.7454



13.0775, 0.3868, 0.6463



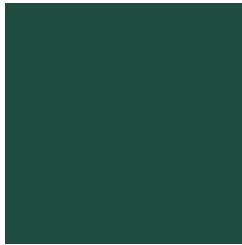
17.0996, 29.8634, 6.5538



41.4496, 72.0460, 18.5490

Previews

White Background



This preview shows how the HunterLab color 24.0680, -12.5320, 3.3843 looks on a white background.

Color Contrast Check

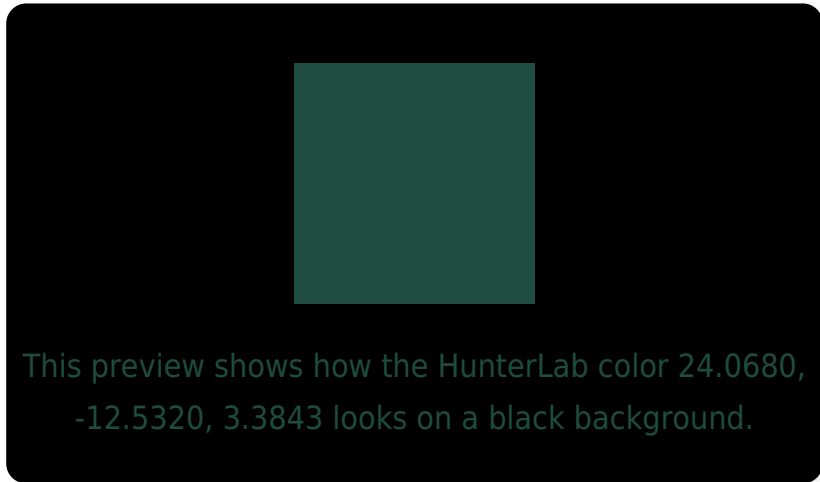
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0680, -12.5320, 3.3843 Background



This preview shows how black text looks on a background with the HunterLab color 24.0680, -12.5320, 3.3843.



This preview shows how white text looks on a background with the HunterLab color 24.0680,

-12.5320, 3.3843.

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

24.0680, -12.5320, 3.3843

Protanopia

24.0402, -1.7570, 4.9102

Deuteranopia

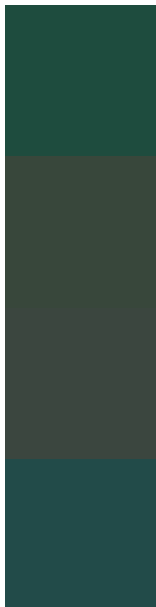
24.0896, 1.2212, 2.9271



Tritanopia

24.1905, -8.2111, -3.8390

Trichromacy



Original Color

24.0680, -12.5320, 3.3843

Protanomaly

23.7971, -6.5889, 4.2393

Deuteranomaly

23.8097, -4.9994, 2.8736

Tritanomaly

24.1935, -10.0351, -0.7150

Monochromacy



Original Color

24.0680, -12.5320, 3.3843

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.1618, -5.7125, 1.7448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0680, -12.5320, 3.3843 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(30, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(30, 76, 62)  
}
```

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(30, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 76, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0680, -12.5320, 3.3843 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(30, 76, 62) }
```


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

```
.border{ border-color:rgb(30, 76, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 76, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(30, 76, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0680, -12.5320, 3.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 76, 62) }
```

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

```
.background{ background-color: rgb(30, 76,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor