

Converting Colors

HunterLab(17.5169, -14.5267,
2.9552)

Have a look what the booklet for
HunterLab(17.5169, -14.5267,
2.9552) contains.

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Color

**HunterLab(18.1724,
-12.1563, 3.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	003B2B
RGB	0, 59, 43
RGB Percent	0%, 23%, 17%
CMY	1.0000, 0.7686, 0.8314
CMYK	1.00, 0.00, 0.27, 0.77
HSL	164°, 100%, 12%
HSV	164°, 100%, 23%
XYZ	2.0000, 3.3024, 2.8175
YIQ	39.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

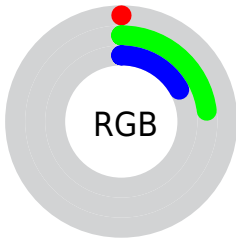
Format	Color
RYB	0, 34, 59
Decimal	15147
CIELab	21.22, -22.38, 5.01
CIELCh	21, 22.930, 167.379
Yxy	3.3025, 0.2463, 0.4067
Android (android.graphics.Color)	4278205227 (0xFF003B2B)
YUV	39.5350, 1.7082, -34.6722
Hunter-Lab	18.1724, -12.1563, 3.5281

Details

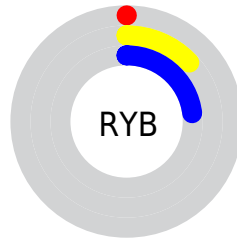
The HunterLab color **18.1724, -12.1563, 3.5281** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.8352, 17.2223, 3.4061**, and the grayscale version is **14.4185, -0.7693, 0.7834**.

A 20% lighter version of the original color is **34.6875, -16.4752, 5.3050**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **18.1727, -12.1566, 3.5284**, and if you desaturate by 10%, it is **18.3099, -11.5318, 3.1714**.

Distribution



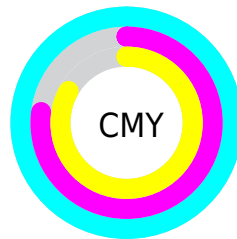
- Red (0%)
- Green (23%)
- Blue (17%)



- Red (0%)
- Yellow (13%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1724, -12.1563, 3.5281 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 18.1724, -12.1563, 3.5281 by changing the saturation by 10% instead.

■ 18.1724, -12.1563,
3.5281

■ 18.1724, -12.1563,
3.5281

■ 114.8496,
-29.0275, 11.2172

■ 11.3649, -9.9305,
2.7267

■ 34.6416, -16.4398,
5.1229

■ 3.6702, -6.4228,
2.5691

■ 44.1092, -18.3900,
5.9368

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3101, -20.2632,
6.7675

0.0000, NaN, NaN

■ 65.1948, -22.0804,
7.6170

0.0000, NaN, NaN

■ 76.7228, -23.8563,
8.4863


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.8601, -25.6012,


9.3760


0.0000, NaN, NaN


 101.5775,
-27.3230, 10.2862


 18.1724, -12.1563,
3.5281


 18.1724, -12.1563,
3.5281


 18.1727, -12.1566,
3.5284

 18.3099, -11.5318,
3.1714

 18.4490, -10.9031,
2.8036

 18.6160, -10.1662,
2.4556

 18.8217, -9.2834,
2.1415

 19.0674, -8.2547,
1.8655

■ 19.3542, -7.0833,
1.6305

■ 19.6824, -5.7751,
1.4391

■ 20.0520, -4.3380,
1.2925

■ 20.4626, -2.7812,
1.1916

Harmonies

Analogous

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



18.1728, -9.7120, 7.6111



18.1724, -12.1563, 3.5281



18.1728, -11.9453, -3.1827

Triad

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



18.1728, -12.1564, 3.5283



18.1728, 3.1494, -15.5723



18.1728, 8.8765, 8.0237

Complementary

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



18.1724, -12.1563, 3.5281



9.8352, 17.2223, 3.4061

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.



18.1728, 13.4465, 4.3591



18.1724, -12.1563, 3.5281



18.1728, 9.8173, -9.7542

Square

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



18.1728, -12.1564, 3.5283



18.1728, -3.7702, -16.0611



18.1728, 13.8144, -1.9790



18.1728, 2.0094, 9.4799

Rectangle

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



18.1724, -12.1563, 3.5281



18.1728, -10.3285, -8.4223



18.1728, 13.8144, -1.9790



18.1728, 10.7739, 7.0878

Sweetspot

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



18.1728, -12.1564, 3.5283



25.4079, -7.7174, 1.8930



18.0129, -13.7825, 10.8580



13.1182, -4.1036, 0.9941



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.1728, -12.1564, 3.5283



23.4972, -15.8473, 4.8404



15.1224, -5.5125, -7.0013



11.3676, -1.4046, 0.6536



29.1454, -19.7652, 6.2382



74.0002, -50.9243, 17.4372

Inverse Universe

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



9.8352, 17.2223, 3.4061



12.6896, 22.1507, 4.9495



11.0102, 12.2637, 6.9988



10.8610, 0.2482, 0.5721



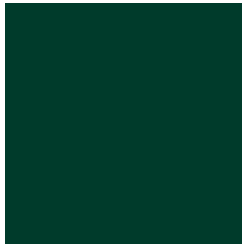
15.7193, 27.3827, 6.5700



39.7918, 68.9690, 19.3231

Previews

White Background



This preview shows how the HunterLab color 18.1724, -12.1563, 3.5281 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 18.1724, -12.1563, 3.5281 Background



This preview shows how black text looks on a background with the HunterLab color 18.1724, -12.1563, 3.5281.



This preview shows how white text looks on a background with the HunterLab color 18.1724,

-12.1563, 3.5281.

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

18.1724, -12.1563, 3.5281

Protanopia

18.2383, -1.3267, 4.9753

Deuteranopia

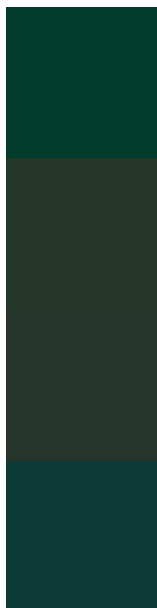
18.4404, 0.8140, 3.3949



Tritanopia

18.4435, -7.3645, -2.9566

Trichromacy



Original Color

18.1724, -12.1563, 3.5281

Protanomaly

17.7450, -6.9590, 4.1051

Deuteranomaly

17.7204, -5.5553, 2.8492

Tritanomaly

18.3592, -9.4698, -0.1237

Monochromacy



Original Color

18.1724, -12.1563, 3.5281

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.4913, -6.1656, 1.4087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1724, -12.1563, 3.5281 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, 59, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 43)  
}
```

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, 59, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1724, -12.1563, 3.5281 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, 59, 43) }
```


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

```
.border{ border-color:rgb(0, 59, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 43); box-shadow:4px  
4px 4px 4px rgb(0, 59, 43) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1724, -12.1563, 3.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 43) }
```

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

```
.background{ background-color: rgb(0, 59,  
43) }
```

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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