

Converting Colors

HunterLab(16.9457, -19.9530,
2.0725)

Have a look what the booklet for
HunterLab(16.9457, -19.9530,
2.0725) contains.

HunterLab(18.7401, -12.7469, 4.0935)	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(18.7401,
-12.7469, 4.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	003D2B
RGB	0, 61, 43
RGB Percent	0%, 24%, 17%
CMY	1.0000, 0.7608, 0.8314
CMYK	1.00, 0.00, 0.30, 0.76
HSL	162°, 100%, 12%
HSV	162°, 100%, 24%
XYZ	2.1048, 3.5119, 2.8524
YIQ	40.7090, -30.5780, -18.5300

Conversions

Conversions Part 2

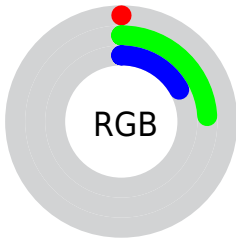
Format	Color
RYB	0, 36, 61
Decimal	15659
CIELab	21.99, -23.33, 6.10
CIELCh	22, 24.113, 165.356
Yxy	3.5121, 0.2485, 0.4147
Android (android.graphics.Color)	4278205739 (0xFF003D2B)
YUV	40.7090, 1.1295, -35.7018
Hunter-Lab	18.7401, -12.7469, 4.0935

Details

The HunterLab color **18.7401, -12.7469, 4.0935** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.1778, 17.8576, 3.2497**, and the grayscale version is **14.8005, -0.7897, 0.8041**.

A 20% lighter version of the original color is **35.2903, -17.2188, 5.9331**, and **5.3651, -4.6006, 3.2254** is the 20% darker color. If you saturate the color by 10%, you get **18.7404, -12.7473, 4.0938**, and if you desaturate by 10%, it is **18.8810, -12.1011, 3.6896**.

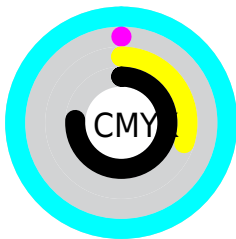
Distribution



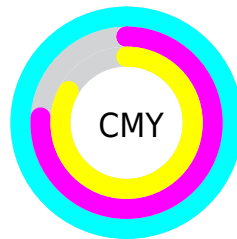
- Red (0%)
- Green (24%)
- Blue (17%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7401, -12.7469, 4.0935 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 18.7401, -12.7469, 4.0935 by changing the saturation by 10% instead.

18.7401, -12.7469,
4.0935

18.7401, -12.7469,
4.0935

115.8954,
-30.0958, 12.3397

11.8513, -10.3191,
3.1939

35.3442, -17.1605,
5.8484

4.6912, -8.2095,
3.2838

44.8704, -19.1690,
6.7309

0.0000, NaN, NaN

0.0000, NaN, NaN

55.1256, -21.0968,
7.6249

0.0000, NaN, NaN

66.0613, -22.9657,
8.5335

0.0000, NaN, NaN

77.6375, -24.7905,
9.4583


0.0000, NaN, NaN


0.0000, NaN, NaN


89.8205, -26.5821,


10.4006


0.0000, NaN, NaN


 102.5815,
-28.3485, 11.3609


 18.7401, -12.7469,
4.0935


 18.7401, -12.7469,
4.0935


 18.7404, -12.7473,
4.0938

 18.8810, -12.1011,
3.6896

 19.0244, -11.4465,
3.2719

 19.1986, -10.6720,
2.8730

 19.4134, -9.7435,
2.5062

 19.6703, -8.6613,
2.1761

■ 19.9702, -7.4288,
1.8864

■ 20.3137, -6.0524,
1.6397

■ 20.7006, -4.5406,
1.4381

■ 21.1305, -2.9034,
1.2827

Harmonies

Analogous

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



18.7405, -9.9844, 8.1901



18.7401, -12.7469, 4.0935



18.7405, -12.7138, -2.8746

Triad

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



18.7405, -12.7470, 4.0937



18.7405, 2.8657, -16.9812



18.7405, 9.9265, 8.2543

Complementary

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



18.7401, -12.7469, 4.0935



10.1778, 17.8576, 3.2497

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.



18.7405, 14.5590, 4.2248



18.7401, -12.7469, 4.0935



18.7405, 10.0768, -11.0084

Square

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



18.7405, -12.7470, 4.0937



18.7405, -4.4217, -17.0600



18.7405, 14.6179, -2.6824



18.7405, 2.6842, 9.8901

Rectangle

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



18.7401, -12.7469, 4.0935



18.7405, -11.1363, -8.4762



18.7405, 14.6179, -2.6824



18.7405, 11.8864, 7.2220

Sweetspot

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



18.7405, -12.7470, 4.0937



26.2478, -8.0888, 2.1633



18.6256, -14.1565, 11.2290



13.8687, -4.4428, 1.1722



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.7405, -12.7470, 4.0937



24.2528, -16.6337, 5.5935



15.8651, -6.0222, -6.8291



11.3659, -1.4137, 0.6769



29.0984, -20.0522, 6.9164



73.8757, -51.6863, 19.2376

Inverse Universe

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



10.1778, 17.8576, 3.2497



13.1438, 22.9898, 4.7670



11.2250, 13.0902, 7.1456



10.8626, 0.2570, 0.5488



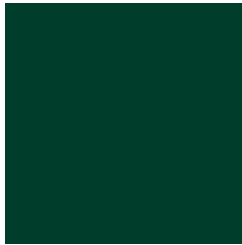
15.7522, 27.5036, 6.0900



39.8660, 69.2427, 18.2339

Previews

White Background



This preview shows how the HunterLab color 18.7401, -12.7469, 4.0935 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

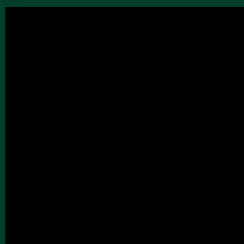
Any Text WCAG AA × Fail

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 18.7401, -12.7469, 4.0935 Background



This preview shows how black text looks on a background with the HunterLab color 18.7401, -12.7469, 4.0935.



This preview shows how white text looks on a background with the HunterLab color 18.7401,

-12.7469, 4.0935.

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

18.7401, -12.7469, 4.0935

Protanopia

18.8747, -1.5702, 5.5735

Deuteranopia

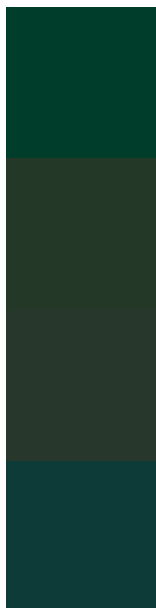
18.8394, 0.9695, 3.8125



Tritanopia

18.7982, -7.2706, -3.3761

Trichromacy



Original Color

18.7401, -12.7469, 4.0935

Protanomaly

18.3211, -7.4637, 4.6621

Deuteranomaly

18.2909, -6.0745, 3.4403

Tritanomaly

18.7057, -9.4152, -0.4973

Monochromacy



Original Color

18.7401, -12.7469, 4.0935

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.8136, -6.2171, 1.4226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7401, -12.7469, 4.0935 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, 61, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 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, 61, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7401, -12.7469, 4.0935 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, 61, 43) }
```


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

```
.border{ border-color:rgb(0, 61, 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, 61, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 43); box-shadow:4px  
4px 4px 4px rgb(0, 61, 43) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7401, -12.7469, 4.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 43) }
```

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

```
.background{ background-color: rgb(0, 61,  
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](#).

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