

Converting Colors

HunterLab(16.6480, -10.1585,
2.4569)

Have a look what the booklet for
HunterLab(16.6480, -10.1585,
2.4569) contains.

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Color

**HunterLab(16.5681,
-10.1569, 2.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	063529
RGB	6, 53, 41
RGB Percent	2%, 21%, 16%
CMY	0.9765, 0.7922, 0.8392
CMYK	0.89, 0.00, 0.23, 0.79
HSL	165°, 80%, 12%
HSV	165°, 89%, 21%
XYZ	1.7484, 2.7450, 2.5355
YIQ	37.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

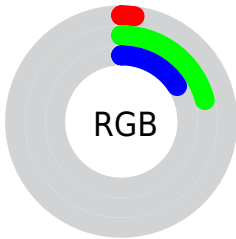
Format	Color
RYB	6, 33, 53
Decimal	406825
CIELab	18.99, -18.84, 3.22
CIElCh	19, 19.112, 170.302
Yxy	2.7451, 0.2488, 0.3905
Android (android.graphics.Color)	4278596905 (0xFF063529)
YUV	37.5790, 1.6866, -27.6948
Hunter-Lab	16.5681, -10.1569, 2.5242

Details

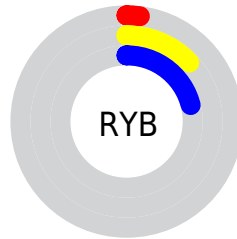
The HunterLab color **16.5681, -10.1569, 2.5242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.6482, 13.5050, 2.6643**, and the grayscale version is **13.7877, -0.7357, 0.7491**.

A 20% lighter version of the original color is **32.5991, -13.9674, 3.8303**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.4367, -10.7481, 2.8117**, and if you desaturate by 10%, it is **16.7010, -9.5665, 2.2288**.

Distribution



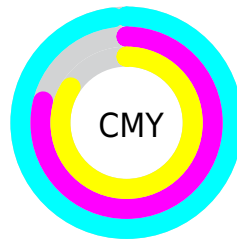
- Red (2%)
- Green (21%)
- Blue (16%)



- Red (2%)
- Yellow (13%)
- Blue (21%)



- Cyan (89%)
- Magenta (0%)
- Yellow (23%)
- Black (79%)



- Cyan (98%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5681, -10.1569, 2.5242 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 16.5681, -10.1569, 2.5242 by changing the saturation by 10% instead.

■ 16.5681, -10.1569,
2.5242

■ 16.5681, -10.1569,
2.5242

■ 111.8512,
-25.1929, 9.2763

■ 10.0008, -8.8207,
1.9085

■ 32.6416, -13.9260,
3.8512

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.9383, -15.6509,
4.5499

0.0000, NaN, NaN

■ 51.9807, -17.3145,
5.2742

0.0000, NaN, NaN

■ 62.7171, -18.9354,
6.0242

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.1053, -20.5260,
6.7998


0.0000, NaN, NaN


■ 86.1098, -22.0950,


0.0000, NaN, NaN


7.6007


 98.7004, -23.6490,
8.4263


 16.5681, -10.1569,
2.5242


 16.5681, -10.1569,
2.5242


 16.4367, -10.7481,
2.8117


 16.7010, -9.5665,
2.2288

 16.4192, -10.8266,
2.8490

 16.8567, -8.8884,
1.9513

 17.0461, -8.0843,
1.7059

 17.2702, -7.1552,
1.4954

 17.5299, -6.1042,
1.3223

■ 17.8252, -4.9364,
1.1881

■ 18.1563, -3.6588,
1.0938

■ 18.5227, -2.2794,
1.0397

■ 18.9237, -0.8068,
1.0256

Harmonies

Analogous

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



16.5684, -8.3312, 6.1694



16.5681, -10.1569, 2.5242



16.5684, -9.7629, -3.0270

Triad

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



16.5684, -10.1570, 2.5244



16.5684, 2.9881, -11.7444



16.5684, 6.5076, 6.9716

Complementary

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



16.5681, -10.1569, 2.5242



9.6482, 13.5050, 2.6643

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.



16.5684, 10.3749, 4.0554



16.5681, -10.1569, 2.5242



16.5684, 8.1645, -6.9931

Square

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



16.5684, -10.1570, 2.5244



16.5684, -2.6468, -12.5721



16.5684, 11.0183, -0.9034



16.5684, 0.9537, 8.1185

Rectangle

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



16.5681, -10.1569, 2.5242



16.5684, -8.2720, -7.1122



16.5684, 11.0183, -0.9034



16.5684, 8.0772, 6.2216

Sweetspot

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



16.5684, -10.1570, 2.5244



23.0085, -6.3194, 1.5282



16.4112, -11.6909, 9.2852



12.4493, -3.4822, 0.8334



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.5684, -10.1570, 2.5244



21.1642, -14.0762, 3.9331



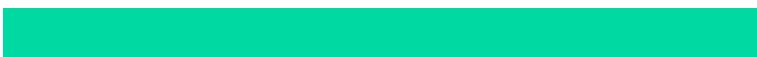
13.9791, -4.7105, -5.7546



9.8384, -1.1702, 0.5508



27.5413, -18.4472, 5.3978



72.1696, -49.0856, 15.7559

Inverse Universe

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



9.6482, 13.5050, 2.6643



11.4107, 19.9119, 4.4991



10.8166, 9.1432, 5.8805



9.4244, 0.1651, 0.5095



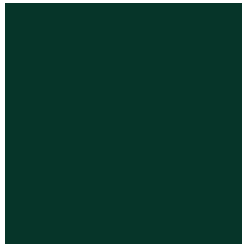
14.8231, 25.7967, 6.3875



38.7202, 67.0305, 19.4318

Previews

White Background



This preview shows how the HunterLab color 16.5681, -10.1569, 2.5242 looks on a white background.

Color Contrast Check

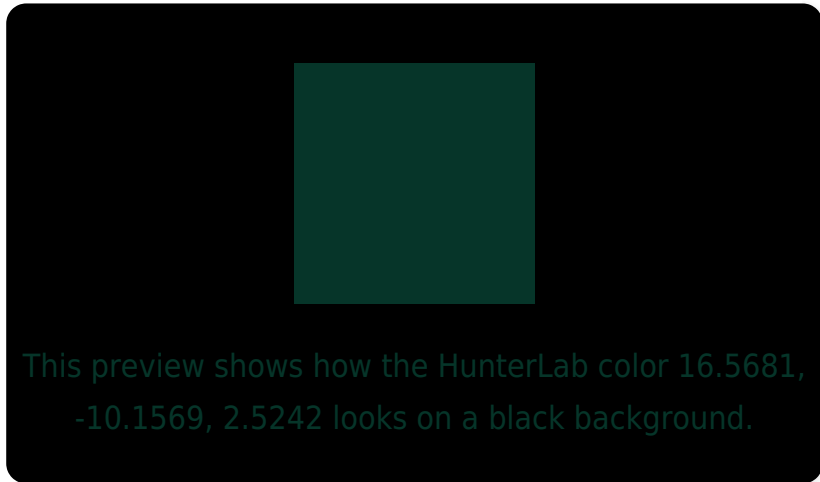
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5681, -10.1569, 2.5242 Background



This preview shows how black text looks on a background with the HunterLab color 16.5681, -10.1569, 2.5242.



This preview shows how white text looks on a background with the HunterLab color 16.5681,

-10.1569, 2.5242.

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

16.5681, -10.1569, 2.5242

Protanopia

16.5738, -1.0724, 3.6341

Deuteranopia

16.6771, 0.6838, 2.1630



Tritanopia

16.6212, -6.4855, -2.7647

Trichromacy



Original Color

16.5681, -10.1569, 2.5242

Protanomaly

16.3292, -5.7109, 2.9927

Deuteranomaly

16.2431, -4.6007, 1.9328

Tritanomaly

16.6488, -8.0174, -0.6278

Monochromacy



Original Color

16.5681, -10.1569, 2.5242

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.4701, -4.8937, 0.9660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5681, -10.1569, 2.5242 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(6, 53, 41)` looks like.

```
.text, #text, p{  
    color:rgb(6, 53, 41)  
}
```

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(6, 53, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 53, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5681, -10.1569, 2.5242 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(6, 53, 41) }
```


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

```
.border{ border-color:rgb(6, 53, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 53, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 53, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 53, 41); box-shadow:4px  
4px 4px 4px rgb(6, 53, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5681, -10.1569, 2.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 53, 41) }
```

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

```
.background{ background-color: rgb(6, 53,  
41) }
```

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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