

Converting Colors

HunterLab(20.4896, -17.0058,
0.6401)

Have a look what the booklet for
HunterLab(20.4896, -17.0058,
0.6401) contains.

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Color

**HunterLab(21.3582,
-13.2085, 1.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	00453A
RGB	0, 69, 58
RGB Percent	0%, 27%, 23%
CMY	1.0000, 0.7294, 0.7725
CMYK	1.00, 0.00, 0.16, 0.73
HSL	170°, 100%, 14%
HSV	170°, 100%, 27%
XYZ	2.8918, 4.5617, 4.7311
YIQ	47.1150, -37.5930, -18.0490

Conversions

Conversions Part 2

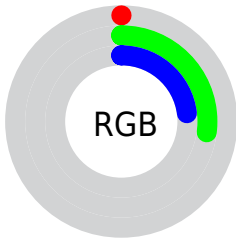
Format	Color
RYB	0, 37, 69
Decimal	17722
CIELab	25.45, -22.56, 1.15
CIELCh	25, 22.591, 177.082
Yxy	4.5619, 0.2373, 0.3744
Android (android.graphics.Color)	4278207802 (0xFF00453A)
YUV	47.1150, 5.3663, -41.3199
Hunter-Lab	21.3582, -13.2085, 1.8174

Details

The HunterLab color **21.3582, -13.2085, 1.8174** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.3555, 19.6582, 5.6877**, and the grayscale version is **16.8904, -0.9012, 0.9177**.

A 20% lighter version of the original color is **38.6091, -17.4872, 2.9612**, and **9.3005, -6.6513, 2.7334** is the 20% darker color. If you saturate the color by 10%, you get **21.3586, -13.2088, 1.8177**, and if you desaturate by 10%, it is **21.4889, -12.6308, 1.5662**.

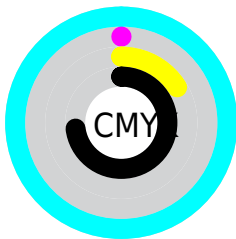
Distribution



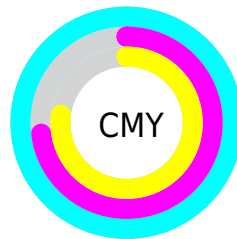
- Red (0%)
- Green (27%)
- Blue (23%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3582, -13.2085, 1.8174 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 21.3582, -13.2085, 1.8174 by changing the saturation by 10% instead.

21.3582, -13.2085,
1.8174

21.3582, -13.2085,
1.8174

120.6273,
-29.9305, 7.7455

14.1159, -10.8323,
1.3360

38.5547, -17.3915,
2.9004

7.7663, -13.0736,
1.0366

48.3393, -19.3183,
3.4971

0.0000, NaN, NaN

58.8350, -21.1769,
4.1281

0.0000, NaN, NaN

69.9965, -22.9856,
4.7917

0.0000, NaN, NaN

81.7862, -24.7572,
5.4865

0.0000, NaN, NaN

94.1723, -26.5008,

0.0000, NaN, NaN

■ 107.1273,
-28.2234, 6.9645

■ 21.3582, -13.2085,
1.8174

■ 21.3582, -13.2085,
1.8174

■ 21.3586, -13.2088,
1.8177

■ 21.4889, -12.6308,
1.5662

■ 21.6253, -12.0319,
1.3177

■ 21.8008, -11.2822,
1.1134

■ 22.0226, -10.3584,
0.9633

■ 22.2926, -9.2585,
0.8711

■ 22.6124, -7.9846,
0.8393

■ 22.9826, -6.5425,
0.8692

■ 23.4035, -4.9404,
0.9609

■ 23.8748, -3.1892,
1.1136

Harmonies

Analogous

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



21.3586, -11.4986, 7.1180



21.3582, -13.2085, 1.8174



21.3586, -12.0537, -5.6886

Triad

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



21.3586, -13.2086, 1.8176



21.3586, 5.4846, -14.0646



21.3586, 6.8546, 9.4844

Complementary

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



21.3582, -13.2085, 1.8174



11.3555, 19.6582, 5.6877

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.



21.3586, 12.5280, 6.3002



21.3582, -13.2085, 1.8174



21.3586, 11.6668, -7.2344

Square

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



21.3586, -13.2086, 1.8176



21.3586, -1.8361, -16.4540



21.3586, 14.3945, 0.4862



21.3586, -0.4365, 10.5330

Rectangle

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



21.3582, -13.2085, 1.8174



21.3586, -9.7185, -10.8018



21.3586, 14.3945, 0.4862



21.3586, 9.0490, 8.6930

Sweetspot

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



21.3586, -13.2086, 1.8176



29.8020, -8.7371, 1.1206



20.8111, -16.9239, 12.5272



15.4573, -4.7464, 0.5768



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.3586, -13.2086, 1.8176



27.7394, -17.2450, 2.5553



15.4397, -3.3039, -12.1654



12.9420, -1.5896, 0.6156



31.0531, -19.3421, 2.9404



76.5912, -48.1917, 8.2997

Inverse Universe

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



11.3555, 19.6582, 5.6877



14.7261, 25.4384, 7.8137



13.7045, 11.9760, 8.6540



12.3201, 0.2806, 0.7780



16.4774, 28.4425, 8.9076



40.5602, 69.7773, 23.7532

Previews

White Background



This preview shows how the HunterLab color 21.3582, -13.2085, 1.8174 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

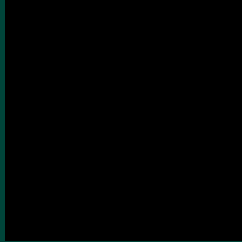
Any Text WCAG AA × Fail

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 21.3582, -13.2085, 1.8174 Background



This preview shows how black text looks on a background with the HunterLab color 21.3582, -13.2085, 1.8174.



This preview shows how white text looks on a background with the HunterLab color 21.3582,

-13.2085, 1.8174.

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

21.3582, -13.2085, 1.8174

Protanopia

21.5884, -1.5272, 3.6910

Deuteranopia

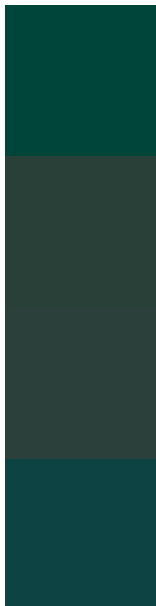
21.5580, 1.1424, 1.5467



Tritanopia

21.5196, -8.9149, -3.7875

Trichromacy



Original Color

21.3582, -13.2085, 1.8174

Protanomaly

20.9613, -7.7453, 2.5570

Deuteranomaly

20.9389, -6.2676, 1.0766

Tritanomaly

21.5059, -10.6917, -1.5750

Monochromacy



Original Color

21.3582, -13.2085, 1.8174

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

18.0206, -6.7811, 0.6809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3582, -13.2085, 1.8174 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, 69, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 58)  
}
```

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, 69, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3582, -13.2085, 1.8174 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, 69, 58) }
```


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

```
.border{ border-color:rgb(0, 69, 58) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 58); box-shadow:4px  
4px 4px 4px rgb(0, 69, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3582, -13.2085, 1.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 58) }
```

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

```
.background{ background-color: rgb(0, 69,  
58) }
```

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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