

Converting Colors

HunterLab(18.1262, -7.3844,
3.1593)

Have a look what the booklet for
HunterLab(18.1262, -7.3844, 3.1593)
contains.

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Color

**HunterLab(18.2580, -7.5492,
3.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	21382C
RGB	33, 56, 44
RGB Percent	13%, 22%, 17%
CMY	0.8706, 0.7804, 0.8274
CMYK	0.41, 0.00, 0.21, 0.78
HSL	149°, 26%, 17%
HSV	149°, 41%, 22%
XYZ	2.4960, 3.3335, 2.8948
YIQ	47.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

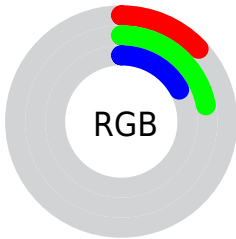
Format	Color
R_{YB}	33, 49, 56
Decimal	2177068
CIE _{Lab}	21.33, -12.30, 4.68
CIE _{LCh}	21, 13.159, 159.186
Yxy	3.3337, 0.2861, 0.3821
Android (android.graphics.Color)	4280367148 (0xFF21382C)
YUV	47.7550, -1.8512, -12.9401
Hunter-Lab	18.2580, -7.5492, 3.3803

Details

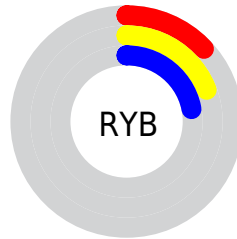
The HunterLab color **18.2580, -7.5492, 3.3803** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.5534, 7.0161, -1.0241**, and the grayscale version is **17.1193, -0.9134, 0.9301**.

A 20% lighter version of the original color is **34.7008, -10.3397, 5.0531**, and **4.4201, -3.7902, 2.6573** is the 20% darker color. If you saturate the color by 10%, you get **17.9656, -8.8014, 3.9693**, and if you desaturate by 10%, it is **18.5921, -6.1586, 2.7985**.

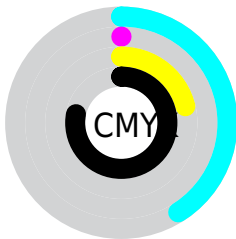
Distribution



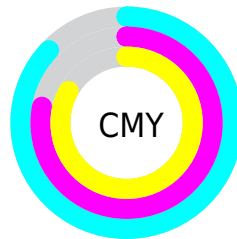
- Red (13%)
- Green (22%)
- Blue (17%)



- Red (13%)
- Yellow (19%)
- Blue (22%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2580, -7.5492, 3.3803 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 18.2580, -7.5492, 3.3803 by changing the saturation by 10% instead.

■ 18.2580, -7.5492,
3.3803

■ 18.2580, -7.5492,
3.3803

■ 115.0078,
-18.9695, 10.9038

■ 11.4382, -6.0765,
2.6097

■ 34.7477, -10.2278,
4.9265

■ 3.8423, -6.7240,
2.6896

■ 44.2242, -11.5031,
5.7199

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.4333, -12.7583,
6.5319

0.0000, NaN, NaN

■ 65.3258, -14.0024,
7.3639

0.0000, NaN, NaN

■ 76.8612, -15.2418,
8.2169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.0054, -16.4809,

101.7294,
-17.7226, 9.9868

18.2580, -7.5492,
3.3803

18.2580, -7.5492,
3.3803

17.9656, -8.8014,
3.9693

18.5921, -6.1586,
2.7985

17.7137, -9.9067,
4.5595

18.9667, -4.6384,
2.2279

17.5019, -10.8604,
5.1456

19.3816, -2.9996,
1.6728

17.3290, -11.6608,
5.7218

19.8358, -1.2540,
1.1367

17.1797, -12.3650,
6.2698

20.3282, 0.5865,
0.6224

■ 17.0488, -12.9833,
6.7178

■ 20.8577, 2.5104,
0.1319

■ 21.4227, 4.5065,
-0.3331

■ 22.0218, 6.5642,
-0.7718

■ 22.6535, 8.6742,
-1.1838

Harmonies

Analogous

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



18.2584, -5.5330, 5.7561



18.2580, -7.5492, 3.3803



18.2584, -7.8878, -0.1983

Triad

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



18.2584, -7.5495, 3.3805



18.2584, 0.2539, -7.6796



18.2584, 5.2963, 4.9969

Complementary

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



18.2580, -7.5492, 3.3803



14.5534, 7.0161, -1.0241

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.



18.2584, 7.1486, 2.1106



18.2580, -7.5492, 3.3803



18.2584, 4.0787, -5.5442

Square

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



18.2584, -7.5495, 3.3805



18.2584, -3.5978, -7.1369



18.2584, 6.6850, -1.7660



18.2584, 1.8043, 6.5421

Rectangle

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



18.2580, -7.5492, 3.3803



18.2584, -7.1474, -2.8945



18.2584, 6.6850, -1.7660



18.2584, 6.1443, 4.1793

Sweetspot

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



18.2584, -7.5495, 3.3805



25.3987, -4.2861, 2.3106



18.7144, -6.2077, 6.8644



13.5939, -2.3182, 1.2448



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.



18.2584, -7.5495, 3.3805



23.6089, -11.6404, 5.2530



18.5200, -6.0333, -0.3595



10.5826, -1.3741, 0.8271



27.9299, -21.6348, 11.7935



71.9980, -56.6934, 32.3935

Inverse Universe

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



14.5534, 7.0161, -1.0241



17.6452, 11.9452, -1.7585



14.2923, 5.7149, 2.7016



10.1546, 0.2933, 0.3108



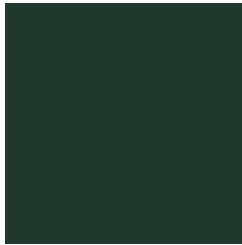
15.7403, 28.3061, -0.2965



40.4118, 72.2365, 2.6251

Previews

White Background



This preview shows how the HunterLab color 18.2580, -7.5492, 3.3803 looks on a white background.

Color Contrast Check

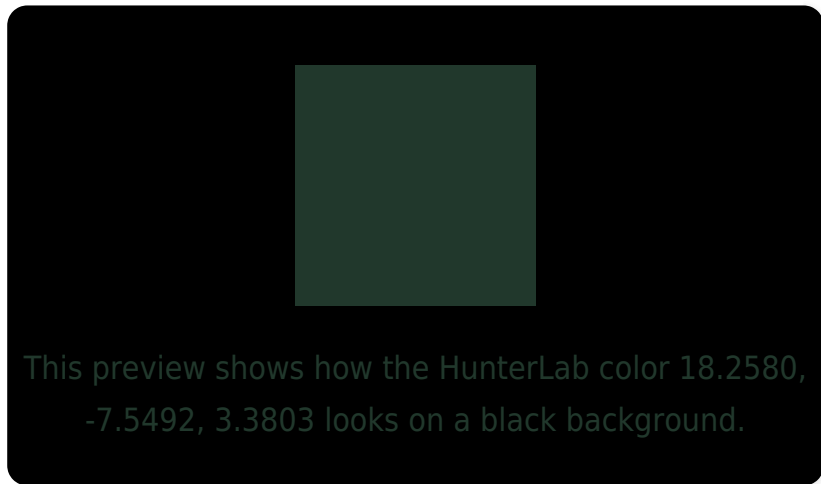
Large Text (above 18pt) WCAG AA ✓ Pass

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

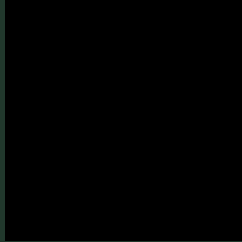
Any Text WCAG AA × Fail

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 18.2580, -7.5492, 3.3803 Background



This preview shows how black text looks on a background with the HunterLab color 18.2580, -7.5492, 3.3803.



This preview shows how white text looks on a background with the HunterLab color 18.2580, -7.5492,

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

18.2580, -7.5492, 3.3803

Protanopia

18.2184, -1.2830, 4.0749

Deuteranopia

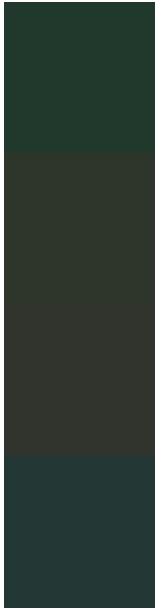
18.1263, 0.9423, 3.0653



Tritanopia

18.2178, -4.3442, -1.8781

Trichromacy



Original Color

18.2580, -7.5492, 3.3803

Protanomaly

18.1699, -3.9381, 3.6695

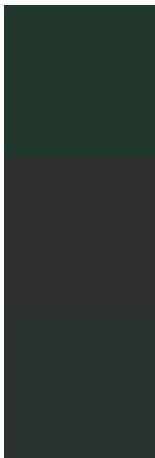
Deuteranomaly

18.1615, -2.6092, 3.0406

Tritanomaly

18.2941, -5.6513, 0.2578

Monochromacy



Original Color

18.2580, -7.5492, 3.3803

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.5684, -3.3812, 1.6904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2580, -7.5492, 3.3803 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(33, 56, 44)` looks like.

```
.text, #text, p{  
    color:rgb(33, 56, 44)  
}
```

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(33, 56, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 56, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2580, -7.5492, 3.3803 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(33, 56, 44) }
```


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

```
.border{ border-color:rgb(33, 56, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 56, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 56, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 56, 44);  
box-shadow:4px 4px 4px 4px rgb(33, 56, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2580, -7.5492, 3.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 56, 44) }
```

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

```
.background{ background-color: rgb(33, 56,  
44) }
```

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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