

Converting Colors

HunterLab(21.7865, -10.3594,
5.0761)

Have a look what the booklet for
HunterLab(21.7865, -10.3594,
5.0761) contains.

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Color

**HunterLab(21.8125,
-10.3009, 5.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	254432
RGB	37, 68, 50
RGB Percent	15%, 27%, 20%
CMY	0.8549, 0.7333, 0.8039
CMYK	0.46, 0.00, 0.26, 0.73
HSL	145°, 30%, 21%
HSV	145°, 46%, 27%
XYZ	3.4058, 4.7579, 3.7565
YIQ	56.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

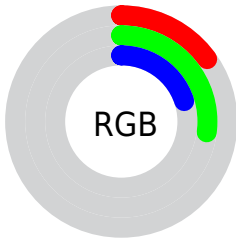
Format	Color
R_{YB}	37, 59, 68
Decimal	2442290
CIE _{Lab}	26.03, -16.34, 7.36
CIE _{LCh}	26, 17.921, 155.740
Yxy	4.7580, 0.2857, 0.3991
Android (android.graphics.Color)	4280632370 (0xFF254432)
YUV	56.6790, -3.2927, -17.2585
Hunter-Lab	21.8125, -10.3009, 5.0580

Details

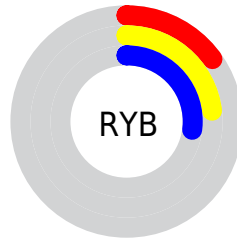
The HunterLab color **21.8125, -10.3009, 5.0580** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.8167, 10.2178, -2.2026**, and the grayscale version is **20.1323, -1.0742, 1.0938**.

A 20% lighter version of the original color is **39.0130, -13.3090, 6.9886**, and **8.6334, -7.1313, 4.6034** is the 20% darker color. If you saturate the color by 10%, you get **21.4736, -11.7876, 5.8739**, and if you desaturate by 10%, it is **22.2067, -8.6218, 4.2313**.

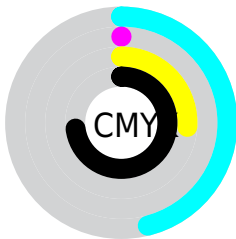
Distribution



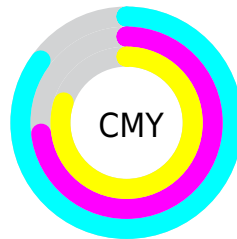
- Red (15%)
- Green (27%)
- Blue (20%)



- Red (15%)
- Yellow (23%)
- Blue (27%)



- Cyan (46%)
- Magenta (0%)
- Yellow (26%)
- Black (73%)



- Cyan (85%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8125, -10.3009, 5.0580 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 21.8125, -10.3009, 5.0580 by changing the saturation by 10% instead.

■ 21.8125, -10.3009,
5.0580

■ 21.8125, -10.3009,
5.0580

■ 121.4344,
-23.7257, 13.9738

■ 14.5121, -8.5219,
4.0596

■ 39.1073, -13.5234,
6.9923

■ 8.1731, -9.1474,
4.1794

■ 48.9350, -15.0425,
7.9560

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4708, -16.5267,
8.9266

0.0000, NaN, NaN

■ 70.6701, -17.9874,
9.9078

0.0000, NaN, NaN

■ 82.4955, -19.4325,
10.9018

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9157, -20.8680,

11.9102

0.0000, NaN, NaN

107.9032,
-22.2979, 12.9340

21.8125, -10.3009,
5.0580

21.8125, -10.3009,
5.0580

21.4736, -11.7876,
5.8739

22.2067, -8.6218,
4.2313

21.1879, -13.0721,
6.6701

22.6547, -6.7616,
3.4007

20.9544, -14.1503,
7.4386

23.1565, -4.7351,
2.5737

20.7710, -15.0231,
8.1714

23.7110, -2.5585,
1.7566

20.6127, -15.7876,
8.8421

24.3167, -0.2483,
0.9548

■ 20.5445, -16.1167,
9.1125

■ 24.9720, 2.1786,
0.1729

■ 25.6750, 4.7065,
-0.5856

■ 26.4235, 7.3202,
-1.3181

■ 27.2154, 10.0062,
-2.0227

Harmonies

Analogous

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



21.8129, -7.2161, 8.0785



21.8125, -10.3009, 5.0580



21.8129, -11.0516, 0.1164

Triad

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



21.8129, -10.3012, 5.0582



21.8129, -0.0558, -11.9740



21.8129, 8.4832, 6.4503

Complementary

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



21.8125, -10.3009, 5.0580



16.8167, 10.2178, -2.2026

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.



21.8129, 10.8722, 2.2065



21.8125, -10.3009, 5.0580



21.8129, 5.6272, -9.1076

Square

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



21.8129, -10.3012, 5.0582



21.8129, -5.4962, -10.6452



21.8129, 9.7768, -3.5558



21.8129, 3.5329, 8.7256

Rectangle

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



21.8125, -10.3009, 5.0580



21.8129, -10.2018, -3.8542



21.8129, 9.7768, -3.5558



21.8129, 9.6345, 5.2544

Sweetspot

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



21.8129, -10.3012, 5.0582



30.5993, -5.9660, 3.2853



22.5446, -7.9304, 9.1499



15.8833, -3.2659, 1.7725



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.



21.8129, -10.3012, 5.0582



28.2401, -15.8558, 7.9296



22.1681, -8.2246, -0.0301



12.1232, -1.6484, 1.0252



29.4762, -23.3676, 13.6012



73.7133, -59.2864, 35.8470

Inverse Universe

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



16.8167, 10.2178, -2.2026



20.2245, 17.3149, -3.5808



16.4395, 8.3822, 3.1696



11.6147, 0.4152, 0.2756



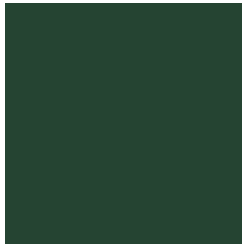
16.8048, 30.4933, -2.4315



41.8701, 75.5721, -2.9313

Previews

White Background



This preview shows how the HunterLab color 21.8125, -10.3009, 5.0580 looks on a white background.

Color Contrast Check

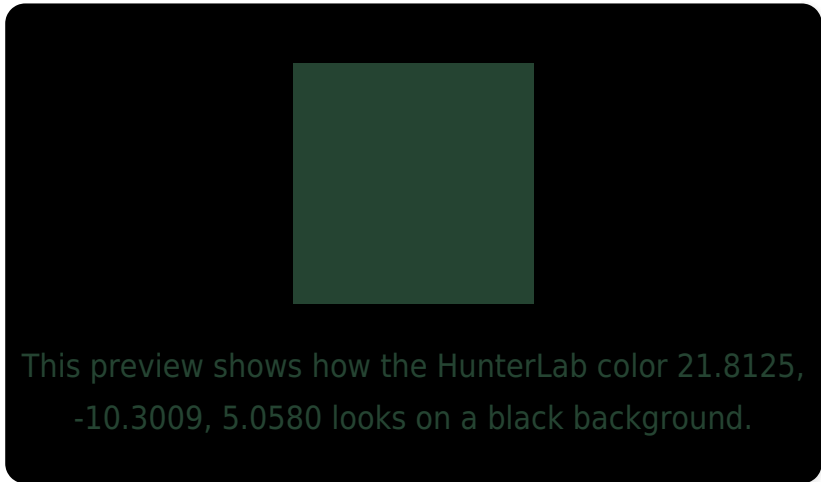
Large Text (above 18pt) WCAG AA ✓ Pass

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

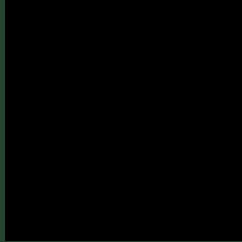
Any Text WCAG AA × Fail

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 21.8125, -10.3009, 5.0580 Background



This preview shows how black text looks on a background with the HunterLab color 21.8125, -10.3009, 5.0580.



This preview shows how white text looks on a background with the HunterLab color 21.8125,

-10.3009, 5.0580.

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

21.8125, -10.3009, 5.0580

Protanopia

21.6817, -1.4835, 5.9801

Deuteranopia

21.7151, 1.3098, 4.5333



Tritanopia

21.7434, -5.3574, -2.9507

Trichromacy



Original Color

21.8125, -10.3009, 5.0580

Protanomaly

21.6620, -5.4218, 5.5995

Deuteranomaly

21.4804, -3.3223, 4.5331

Tritanomaly

21.6943, -7.3530, 0.3870

Monochromacy



Original Color

21.8125, -10.3009, 5.0580

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.6928, -4.7270, 2.6683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8125, -10.3009, 5.0580 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(37, 68, 50)` looks like.

```
.text, #text, p{  
    color:rgb(37, 68, 50)  
}
```

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(37, 68, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 68, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8125, -10.3009, 5.0580 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(37, 68, 50) }
```


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

```
.border{ border-color:rgb(37, 68, 50) }
```

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

Here you see how a box with a 4 pixel rgb(37, 68, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 68, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 68, 50);  
box-shadow:4px 4px 4px 4px rgb(37, 68, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8125, -10.3009, 5.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 68, 50) }
```

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

```
.background{ background-color: rgb(37, 68,  
50) }
```

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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