

Converting Colors

HunterLab(18.1393, -9.7940,
6.3016)

Have a look what the booklet for
HunterLab(18.1393, -9.7940, 6.3016)
contains.

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Color

**HunterLab(18.1584, -9.7150,
6.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3921
RGB	29, 57, 33
RGB Percent	11%, 22%, 13%
CMY	0.8863, 0.7765, 0.8706
CMYK	0.49, 0.00, 0.42, 0.78
HSL	129°, 33%, 17%
HSV	129°, 49%, 22%
XYZ	2.2443, 3.2973, 1.9570
YIQ	45.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

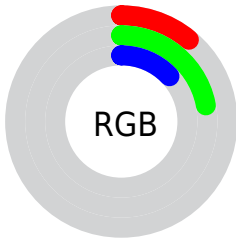
Format	Color
R_YB	29, 54, 57
Decimal	1915169
CIE _{Lab}	21.20, -16.89, 11.74
CIE _{LCh}	21, 20.570, 145.184
Y _{xy}	3.2974, 0.2993, 0.4397
Android (android.graphics.Color)	4280105249 (0xFF1D3921)
YUV	45.8920, -6.3558, -14.8143
Hunter-Lab	18.1584, -9.7150, 6.3210

Details

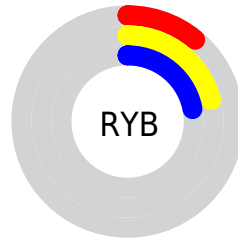
The HunterLab color **18.1584, -9.7150, 6.3210** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.1623, 10.1216, -5.1973**, and the grayscale version is **16.5161, -0.8813, 0.8974**.

A 20% lighter version of the original color is **34.5432, -12.9539, 9.0074**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.8788, -10.9762, 7.1575**, and if you desaturate by 10%, it is **18.4870, -8.2695, 5.3967**.

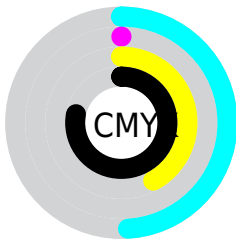
Distribution



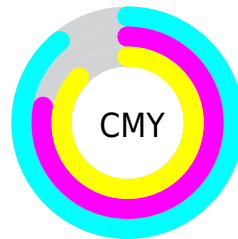
- Red (11%)
- Green (22%)
- Blue (13%)



- Red (11%)
- Yellow (21%)
- Blue (22%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (78%)



- Cyan (89%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1584, -9.7150, 6.3210 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 18.1584, -9.7150, 6.3210 by changing the saturation by 10% instead.

■ 18.1584, -9.7150,
6.3210

■ 18.1584, -9.7150,
6.3210

■ 114.8238,
-23.5855, 17.5327

■ 11.3530, -7.8242,
5.1861

■ 34.6243, -13.1127,
8.9573

■ 3.6413, -6.3722,
2.5489

■ 44.0904, -14.6910,
10.2080

0.0000, NaN, NaN

■ 54.2899, -16.2239,
11.4382

0.0000, NaN, NaN

■ 65.1734, -17.7259,
12.6575

0.0000, NaN, NaN

■ 76.7003, -19.2069,
13.8727

0.0000, NaN, NaN

■ 88.8364, -20.6739,

0.0000, NaN, NaN

0.0000, NaN, NaN

101.5527,
-22.1321, 16.3074

18.1584, -9.7150,
6.3210

18.1584, -9.7150,
6.3210

17.8788, -10.9762,
7.1575

18.4870, -8.2695,
5.3967

17.6464, -12.0443,
7.8986

18.8635, -6.6500,
4.3923

17.4603, -12.9162,
8.5392

19.2877, -4.8706,
3.3172

17.3108, -13.6262,
9.0705

19.7586, -2.9469,
2.1810

17.1709, -14.2852,
9.4806

20.2750, -0.8947,
0.9930

■ 17.1588, -14.3423,
9.5140

■ 20.8352, 1.2697,
-0.2376

■ 21.4375, 3.5310,
-1.5027

■ 22.0799, 5.8745,
-2.7945

■ 22.7606, 8.2871,
-4.1066

Harmonies

Analogous

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



18.1588, -5.7450, 8.5198



18.1584, -9.7150, 6.3210



18.1588, -11.3393, 1.9102

Triad

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



18.1588, -9.7153, 6.3212



18.1588, -1.9548, -14.2263



18.1588, 11.0544, 5.1629

Complementary

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



18.1584, -9.7150, 6.3210



14.1623, 10.1216, -5.1973

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.



18.1588, 12.4205, 0.0156



18.1584, -9.7150, 6.3210



18.1588, 4.3562, -12.4683

Square

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



18.1588, -9.7153, 6.3212



18.1588, -7.2560, -10.9244



18.1588, 9.8262, -6.7029



18.1588, 6.3081, 8.0244

Rectangle

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



18.1584, -9.7150, 6.3210



18.1588, -11.0549, -2.2210



18.1588, 9.8262, -6.7029



18.1588, 11.9489, 3.7015

Sweetspot

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



18.1588, -9.7153, 6.3212



25.1360, -5.4680, 3.7955



19.4403, -4.9387, 8.3474



13.4368, -3.0199, 2.0869



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.



18.1588, -9.7153, 6.3212



23.0272, -14.5838, 9.5216



18.4139, -8.2065, 2.6338



10.5626, -1.4852, 1.1128



27.6569, -23.3369, 15.8089



71.3585, -60.6863, 41.8122

Inverse Universe

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



14.1623, 10.1216, -5.1973



16.7707, 16.7097, -8.5478



13.7728, 8.2653, 0.2681



10.1761, 0.4095, 0.0042



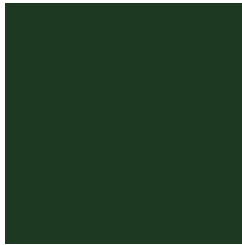
16.8076, 32.1149, -14.9634



43.2853, 82.5123, -37.0285

Previews

White Background



This preview shows how the HunterLab color 18.1584, -9.7150, 6.3210 looks on a white background.

Color Contrast Check

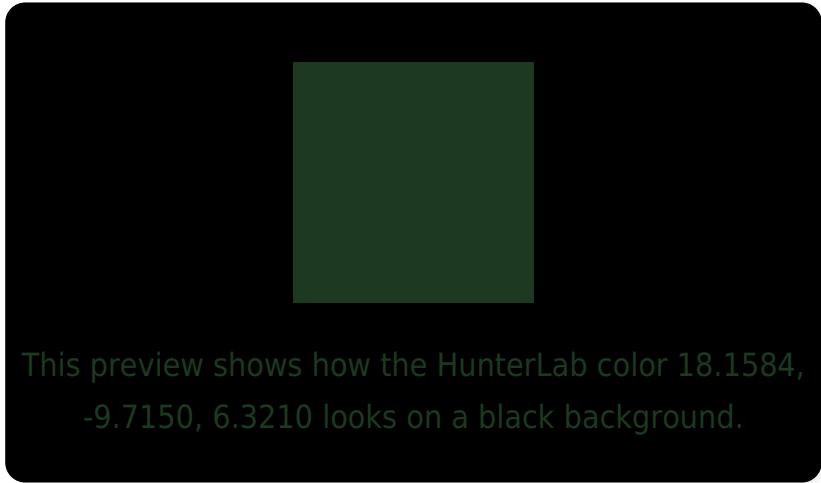
Large Text (above 18pt) WCAG AA ✓ Pass

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

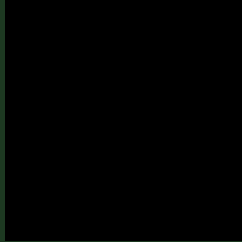
Any Text WCAG AA × Fail

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 18.1584, -9.7150, 6.3210 Background



This preview shows how black text looks on a background with the HunterLab color 18.1584, -9.7150, 6.3210.



This preview shows how white text looks on a background with the HunterLab color 18.1584, -9.7150,

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

18.1584, -9.7150, 6.3210

Protanopia

18.1861, -1.7711, 6.9489

Deuteranopia

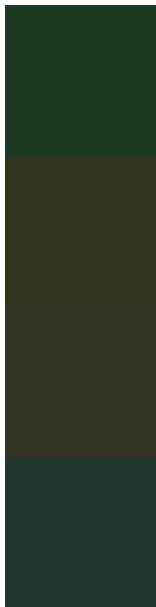
18.1936, 0.7945, 6.0428



Tritanopia

18.1691, -4.5231, -1.9462

Trichromacy



Original Color

18.1584, -9.7150, 6.3210

Protanomaly

17.9759, -5.0389, 6.4813

Deuteranomaly

17.9567, -3.7563, 6.0022

Tritanomaly

18.1038, -6.5610, 1.5243

Monochromacy



Original Color

18.1584, -9.7150, 6.3210

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.0071, -4.4059, 3.0892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1584, -9.7150, 6.3210 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(29, 57, 33)` looks like.

```
.text, #text, p{  
    color:rgb(29, 57, 33)  
}
```

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(29, 57, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 57, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1584, -9.7150, 6.3210 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(29, 57, 33) }
```


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

```
.border{ border-color:rgb(29, 57, 33) }
```

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

Here you see how a box with a 4 pixel rgb(29, 57, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 57, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 57, 33);  
box-shadow:4px 4px 4px 4px rgb(29, 57, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1584, -9.7150, 6.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 57, 33) }
```

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

```
.background{ background-color: rgb(29, 57,  
33) }
```

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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