

Converting Colors

HunterLab(11.7538, 5.2953,
5.5081)

Have a look what the booklet for
HunterLab(11.7538, 5.2953, 5.5081)
contains.

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Color

**HunterLab(11.7251, 5.0664,
5.5548)**

Conversions

Conversions Part 1

Format	Color
Hex	31190C
RGB	49, 25, 12
RGB Percent	19%, 10%, 5%
CMY	0.8078, 0.9020, 0.9529
CMYK	0.00, 0.49, 0.76, 0.81
HSL	21°, 61%, 12%
HSV	21°, 76%, 19%
XYZ	1.6806, 1.3748, 0.5246
YIQ	30.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

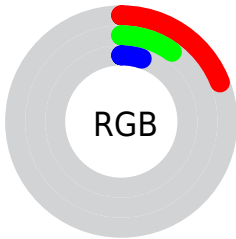
Format	Color
RYB	49, 32, 12
Decimal	3217676
CIELab	11.79, 10.48, 12.82
CIELCh	12, 16.560, 50.739
Yxy	1.3749, 0.4694, 0.3840
Android (android.graphics.Color)	4281407756 (0xFF31190C)
YUV	30.6940, -9.2161, 16.0544
Hunter-Lab	11.7251, 5.0664, 5.5548

Details

The HunterLab color **11.7251, 5.0664, 5.5548** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12.4963, -2.7730, -6.1348**, and the grayscale version is **11.6342, -0.6208, 0.6321**.

A 20% lighter version of the original color is **26.3656, 5.8989, 8.2217**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.1159, 6.0647, 5.8682**, and if you desaturate by 10%, it is **12.3782, 4.1012, 5.1786**.

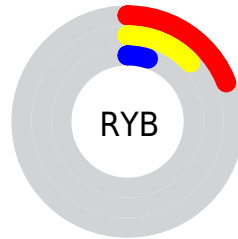
Distribution



Red (19%)

Green (10%)

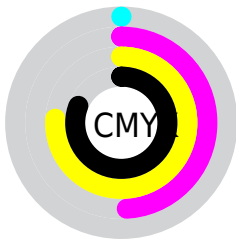
Blue (5%)



Red (19%)

Yellow (13%)

Blue (5%)

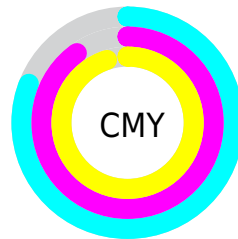


Cyan (0%)

Magenta (49%)

Yellow (76%)

Black (81%)



Cyan (81%)

Magenta (90%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7251, 5.0664, 5.5548 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 11.7251, 5.0664, 5.5548 by changing the saturation by 10% instead.

■ 11.7251, 5.0664,
5.5548

■ 11.7251, 5.0664,
5.5548

■ 102.3226, 5.5089,
17.3081

■ 4.4506, 10.0235,
3.1154

■ 26.4428, 5.7897,
8.2330

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.1628, 5.9733,
9.5983

0.0000, NaN, NaN

■ 44.6739, 6.0656,
10.9203

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.9152, 6.0794,
12.2159

0.0000, NaN, NaN

■ 65.8377, 6.0241,
13.4961

0.0000, NaN, NaN

■ 77.4015, 5.9069,

0.0000, NaN, NaN

14.7684

■ 89.5728, 5.7336,
16.0378

■ 11.7251, 5.0664,
5.5548

■ 11.7251, 5.0664,
5.5548

■ 11.1159, 6.0647,
5.8682

■ 12.3782, 4.1012,
5.1786

■ 10.5434, 7.0389,
6.2647

■ 13.0725, 3.1885,
4.7140

■ 10.2989, 7.4632,
6.4768

■ 13.8046, 2.3296,
4.1713

■ 14.5710, 1.5246,
3.5600

■ 15.3684, 0.7714,
2.8887

■ 16.1942, 0.0673,
2.1646

■ 17.0458, -0.5908,
1.3943

■ 17.9211, -1.2066,
0.5832

■ 18.8181, -1.7835,
-0.2641

Harmonies

Analogous

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



11.7254, 8.1309, 3.0913



11.7251, 5.0664, 5.5548



11.7254, 0.7314, 6.8002

Triad

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



11.7254, 5.0657, 5.5550



11.7254, -7.7090, 1.8325



11.7254, 2.4408, -9.3306

Complementary

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



11.7251, 5.0664, 5.5548



12.4963, -2.7730, -6.1348

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.



11.7254, -1.9249, -10.0516



11.7251, 5.0664, 5.5548



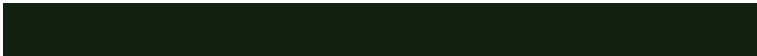
11.7254, -7.3880, -2.4952

Square

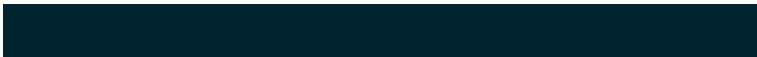
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.7254, 5.0657, 5.5550



11.7254, -6.3553, 4.7271



11.7254, -5.4045, -7.2104



11.7254, 6.4705, -5.4949

Rectangle

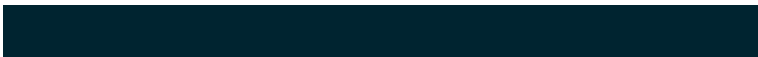
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.7251, 5.0664, 5.5548



11.7254, -2.1244, 6.7740



11.7254, -5.4045, -7.2104



11.7254, 0.9511, -9.9885

Sweetspot

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



11.7254, 5.0657, 5.5550



19.9119, 0.8752, 3.6039



10.2157, 12.1291, -3.2031



10.8676, 0.5345, 2.0305



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



11.7254, 5.0657, 5.5550



13.5589, 9.2060, 7.7956



15.6210, -2.0455, 8.2696



9.6004, -0.2352, 0.9217



17.7066, 15.8232, 11.1877



44.6151, 46.4987, 28.3056

Inverse Universe

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



12.4963, -2.7730, -6.1348



14.6927, -3.0261, -10.4226



8.4740, 4.4462, -15.0308



9.6560, -0.7719, 0.1141



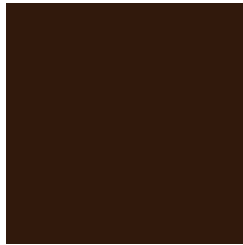
19.3399, -3.1922, -17.2821



48.9126, -5.4726, -49.3227

Previews

White Background



This preview shows how the HunterLab color 11.7251, 5.0664, 5.5548 looks on a white background.

Color Contrast Check

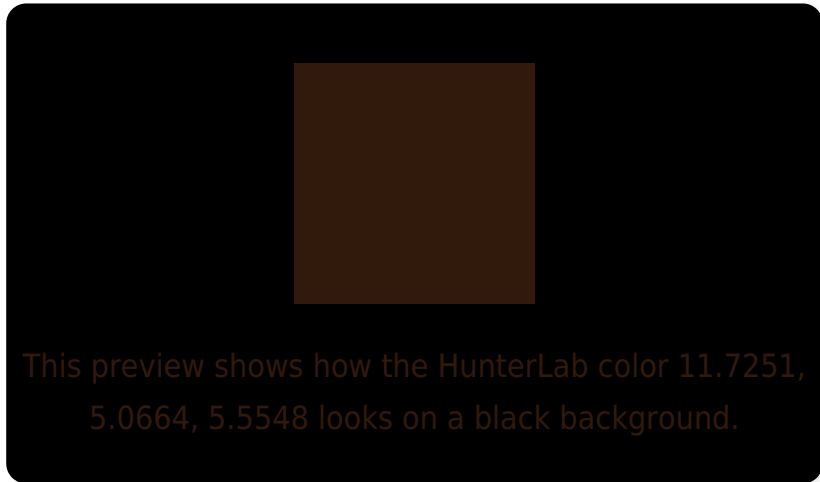
Large Text (above 18pt) WCAG AA ✓ Pass

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

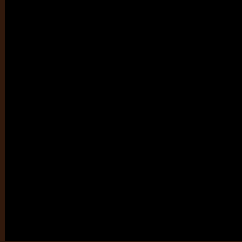
Any Text WCAG AA × Fail

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 11.7251, 5.0664, 5.5548 Background



This preview shows how black text looks on a background with the HunterLab color 11.7251, 5.0664, 5.5548.

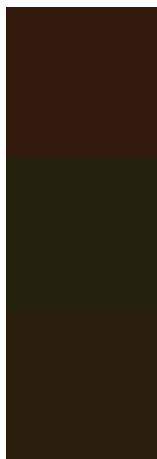


This preview shows how white text looks on a background with the HunterLab color 11.7251, 5.0664,

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

11.7251, 5.0664, 5.5548

Protanopia

11.9250, -1.5756, 5.2549

Deuteranopia

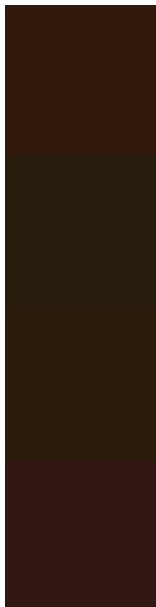
11.8483, 0.3533, 5.7227



Tritanopia

11.8388, 6.6856, 2.8061

Trichromacy



Original Color

11.7251, 5.0664, 5.5548

Protanomaly

11.6572, 0.8395, 5.2612

Deuteranomaly

11.6973, 1.9912, 5.6379

Tritanomaly

11.7554, 6.2789, 4.0155

Monochromacy



Original Color

11.7251, 5.0664, 5.5548

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.6479, 1.1251, 2.7984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7251, 5.0664, 5.5548 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(49, 25, 12)` looks like.

```
.text, #text, p{  
    color:rgb(49, 25, 12)  
}
```

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(49, 25, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 25, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7251, 5.0664, 5.5548 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(49, 25, 12) }
```


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

```
.border{ border-color:rgb(49, 25, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 25, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 25, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 25, 12);  
box-shadow:4px 4px 4px 4px rgb(49, 25, 12)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7251, 5.0664, 5.5548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 25, 12) }
```

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

```
.background{ background-color: rgb(49, 25,  
12) }
```

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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