

Converting Colors

HunterLab(12.4491, -5.8236,
3.2343)

Have a look what the booklet for
HunterLab(12.4491, -5.8236, 3.2343)
contains.

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Color

**HunterLab(12.3765, -5.7134,
3.1204)**

Conversions

Conversions Part 1	
Format	Color
Hex	132519
RGB	19, 37, 25
RGB Percent	7%, 15%, 10%
CMY	0.9255, 0.8549, 0.9020
CMYK	0.49, 0.00, 0.32, 0.85
HSL	140°, 32%, 11%
HSV	140°, 49%, 15%
XYZ	1.1056, 1.5318, 1.1571
YIQ	30.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

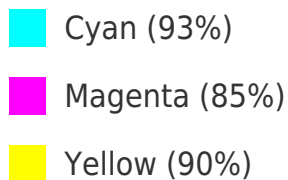
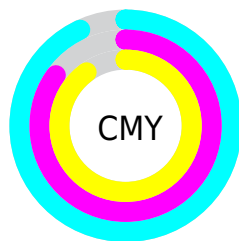
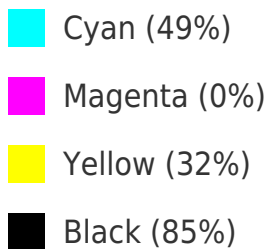
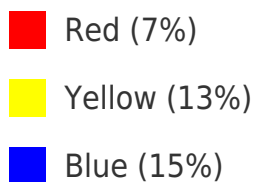
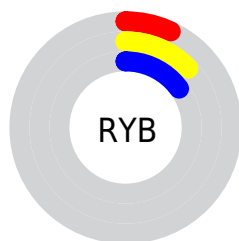
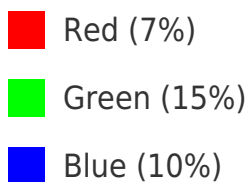
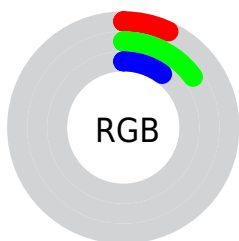
Format	Color
RYB	19, 33, 37
Decimal	1254681
CIELab	12.81, -10.89, 5.70
CIELCh	13, 12.288, 152.367
Yxy	1.5318, 0.2914, 0.4037
Android (android.graphics.Color)	4279444761 (0xFF132519)
YUV	30.2500, -2.5882, -9.8663
Hunter-Lab	12.3765, -5.7134, 3.1204

Details

The HunterLab color **12.3765, -5.7134, 3.1204** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.7878, 5.5433, -1.7245**, and the grayscale version is **11.4816, -0.6126, 0.6238**.

A 20% lighter version of the original color is **27.3424, -8.3706, 4.8429**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1955, -6.5073, 3.5780**, and if you desaturate by 10%, it is **12.5823, -4.8334, 2.6478**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.3765, -5.7134, 3.1204 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 12.3765, -5.7134, 3.1204 by changing the saturation by 10% instead.

 12.3765, -5.7134,
3.1204

 12.3765, -5.7134,
3.1204


 103.6543,
-16.5145, 11.0735

 5.5766, -8.8042,
3.9036


 27.2938, -8.2805,
4.8286

0.0000, NaN, NaN

0.0000, NaN, NaN


 36.0977, -9.4843,
5.6777

0.0000, NaN, NaN


 45.6858, -10.6656,
6.5364

0.0000, NaN, NaN

0.0000, NaN, NaN

 55.9986, -11.8354,
7.4089

0.0000, NaN, NaN


 66.9883, -13.0010,
8.2978


0.0000, NaN, NaN


 78.6155, -14.1673,


0.0000, NaN, NaN


9.2043


 90.8470, -15.3377,
10.1294


 12.3765, -5.7134,
3.1204


 12.3765, -5.7134,
3.1204


 12.1955, -6.5073,
3.5780


 12.5823, -4.8334,
2.6478


 12.0385, -7.2104,
4.0169


 12.8122, -3.8722,
2.1634

 11.9019, -7.8340,
4.4306

 13.0660, -2.8359,
1.6704

 11.7693, -8.4426,
4.8024

 13.3434, -1.7312,
1.1721

 11.6389, -9.0439,
5.1306

 13.6438, -0.5649,
0.6713

■ 11.6214, -9.1246,
5.1716

■ 13.9664, 0.6562,
0.1706

■ 14.3106, 1.9256,
-0.3279

■ 14.6755, 3.2370,
-0.8222

■ 15.0604, 4.5846,
-1.3109

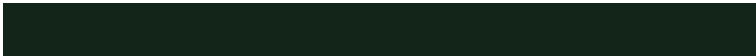
Harmonies

Analogous

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



12.3768, -3.8244, 4.7433



12.3765, -5.7134, 3.1204



12.3768, -6.2938, 0.4263

Triad

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



12.3768, -5.7136, 3.1205



12.3768, -0.4026, -6.8362



12.3768, 5.0564, 3.4463

Complementary

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



12.3765, -5.7134, 3.1204



9.7878, 5.5433, -1.7245

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.



12.3768, 6.2033, 0.9161



12.3765, -5.7134, 3.1204



12.3768, 2.8559, -5.4543

Square

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



12.3768, -5.7136, 3.1205



12.3768, -3.4216, -5.8152



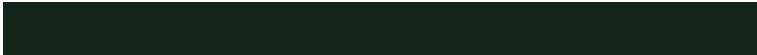
12.3768, 5.3598, -2.4043



12.3768, 2.3649, 4.9132

Rectangle

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



12.3765, -5.7134, 3.1204



12.3768, -5.9142, -1.8019



12.3768, 5.3598, -2.4043



12.3768, 5.6472, 2.7244

Sweetspot

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



12.3768, -5.7136, 3.1205



16.7480, -3.2565, 1.9646



12.8901, -3.9427, 5.0399



9.6691, -1.8778, 1.1331



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.3768, -5.7136, 3.1205



15.4777, -8.6126, 4.7538



12.5585, -4.6523, 0.5119



7.6021, -0.9243, 0.6401



24.6059, -19.9379, 12.2850



67.8885, -55.9088, 35.8363

Inverse Universe

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



9.7878, 5.5433, -1.7245



11.3979, 9.2484, -2.8369



9.5761, 4.5044, 1.2798



7.3549, 0.1399, 0.1746



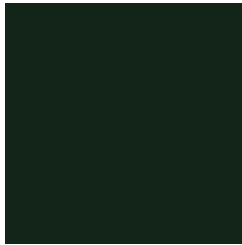
14.3041, 26.3845, -5.3947



39.3009, 72.0767, -11.6013

Previews

White Background



This preview shows how the HunterLab color 12.3765, -5.7134, 3.1204 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



This preview shows how the HunterLab color 12.3765, -5.7134, 3.1204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

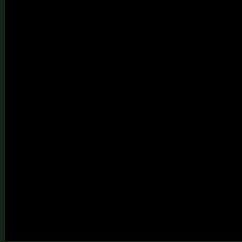
Any Text WCAG AA × Fail

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 12.3765, -5.7134, 3.1204 Background



This preview shows how black text looks on a background with the HunterLab color 12.3765, -5.7134, 3.1204.

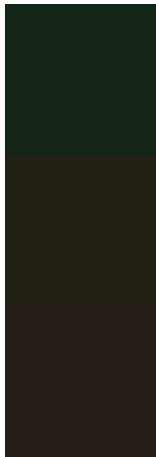


This preview shows how white text looks on a background with the HunterLab color 12.3765, -5.7134,

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

12.3765, -5.7134, 3.1204

Protanopia

12.3476, -0.9929, 3.6988

Deuteranopia

12.4054, 0.4446, 2.9811



Tritanopia

12.2987, -2.9196, -1.3128

Trichromacy



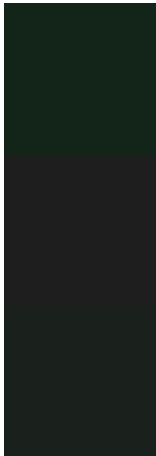
Original Color
12.3765, -5.7134, 3.1204

Protanomaly
12.1903, -2.7026, 3.2613

Deuteranomaly
12.3520, -2.0470, 2.8844

Tritanomaly
12.3733, -4.1305, 0.6575

Monochromacy



Original Color
12.3765, -5.7134, 3.1204

Achromatopsia
11.3943, -0.6080, 0.6191

Achromatomaly
11.7948, -2.7911, 1.6965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3765, -5.7134, 3.1204 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(19, 37, 25)` looks like.

```
.text, #text, p{  
    color:rgb(19, 37, 25)  
}
```

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(19, 37, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 37, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3765, -5.7134, 3.1204 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(19, 37, 25) }
```


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

```
.border{ border-color:rgb(19, 37, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 37, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 37, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 37, 25);  
box-shadow:4px 4px 4px 4px rgb(19, 37, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3765, -5.7134, 3.1204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 37, 25) }
```

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

```
.background{ background-color: rgb(19, 37,  
25) }
```

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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