

Converting Colors

HunterLab(12.5000, 12.6266,
4.9121)

Have a look what the booklet for
HunterLab(12.5000, 12.6266,
4.9121) contains.

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Color

**HunterLab(12.3951, 12.6365,
4.9121)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3F1213 |
| RGB | 63, 18, 19 |
| RGB Percent | 25%, 7%, 7% |
| CMY | 0.7529, 0.9294, 0.9255 |
| CMYK | 0.00, 0.71, 0.70, 0.75 |
| HSL | 359°, 56%, 16% |
| HSV | 359°, 71%, 25% |
| XYZ | 2.3837, 1.5364, 0.7870 |
| YIQ | 31.5690, 26.4990, 9.8510 |

Conversions

Conversions Part 2

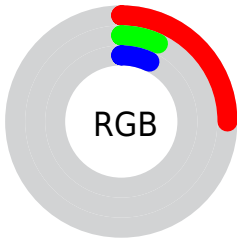
| Format | Color |
|-------------------------------------|---|
| RYB | 63, 18, 19 |
| Decimal | 4133395 |
| CIELab | 12.84, 22.05, 10.88 |
| CIElCh | 13, 24.591, 26.253 |
| Yxy | 1.5365, 0.5064, 0.3264 |
| Android (android.graphics.Color) | 4282323475 (0xFF3F1213) |
| YUV | 31.5690, -6.1965, 27.5650 |
| Hunter-Lab | 12.3951, 12.6365, 4.9121 |

Details

The HunterLab color **12.3951, 12.6365, 4.9121** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.0785, -9.3864, -1.2508**, and the grayscale version is **11.8966, -0.6348, 0.6464**.

A 20% lighter version of the original color is **27.3301, 14.6062, 7.5187**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5810, 14.4037, 5.4666**, and if you desaturate by 10%, it is **13.3920, 10.6859, 4.3271**.

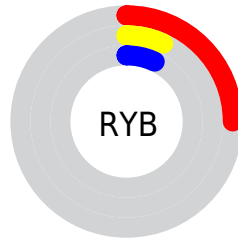
Distribution



Red (25%)

Green (7%)

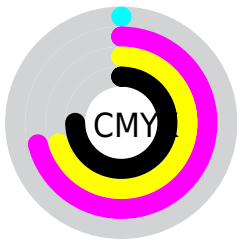
Blue (7%)



Red (25%)

Yellow (7%)

Blue (7%)

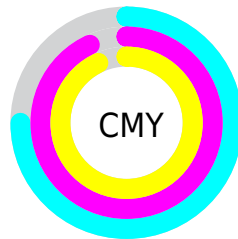


Cyan (0%)

Magenta (71%)

Yellow (70%)

Black (75%)



Cyan (75%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.3951, 12.6365, 4.9121 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 12.3951, 12.6365, 4.9121 by changing the saturation by 10% instead.

 12.3951, 12.6365,
4.9121

 12.3951, 12.6365,
4.9121


 103.6923, 18.1777,
15.7496

 5.6053, 16.8457,
3.9237


 27.3181, 14.6877,
7.4767

0.0000, NaN, NaN


0.0000, NaN, NaN

 36.1244, 15.4906,
8.6925

0.0000, NaN, NaN


 45.7147, 16.1704,
9.8817

0.0000, NaN, NaN

 56.0295, 16.7429,
11.0571

0.0000, NaN, NaN

0.0000, NaN, NaN

 67.0211, 17.2208,
12.2269

0.0000, NaN, NaN

 78.6501, 17.6140,

0.0000, NaN, NaN

13.3966

■ 90.8833, 17.9307,
14.5699

■ 12.3951, 12.6365,
4.9121

■ 12.3951, 12.6365,
4.9121

■ 11.5810, 14.4037,
5.4666

■ 13.3920, 10.6859,
4.3271

■ 10.9026, 16.0407,
5.9559

■ 14.5490, 8.6607,
3.7431

■ 10.2947, 17.6598,
6.4218

■ 15.8444, 6.6326,
3.1807

■ 17.2582, 4.6442,
2.6503

■ 18.7729, 2.7161,
2.1556

■ 20.3744, 0.8554,
1.6962

■ 22.0506, -0.9391,
1.2696

■ 23.7922, -2.6724,
0.8725

■ 25.5911, -4.3510,
0.5013

Harmonies

Analogous

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



12.3954, 14.4131, -0.1266



12.3951, 12.6365, 4.9121



12.3954, 7.0617, 8.1126

Triad

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



12.3954, 12.6355, 4.9123



12.3954, -9.4267, 5.8432



12.3954, -1.4673, -17.9822

Complementary

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



12.3951, 12.6365, 4.9121



20.0785, -9.3864, -1.2508

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.



12.3954, -6.8617, -13.8144



12.3951, 12.6365, 4.9121



12.3954, -10.8654, 1.4259

Square

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



12.3954, 12.6355, 4.9123



12.3954, -5.7139, 8.6501



12.3954, -9.9922, -5.8099



12.3954, 5.3561, -15.3955

Rectangle

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



12.3951, 12.6365, 4.9121



12.3954, 2.4456, 8.6768



12.3954, -9.9922, -5.8099



12.3954, -3.4909, -17.2863

Sweetspot

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



12.3954, 12.6355, 4.9123



24.2387, 3.6404, 2.8245



13.4150, 17.3591, -12.2139



12.3472, 1.9732, 1.4756



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.3954, 12.6355, 4.9123



14.3323, 20.2785, 7.6142



15.9736, 4.2813, 7.7933



10.8442, 0.1573, 0.8120



15.5010, 26.5755, 9.7872



39.3912, 67.4860, 25.2416

Inverse Universe

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



12.3954, 12.6355, 4.9123



14.3323, 20.2785, 7.6142



14.6407, -1.5457, -10.0494



10.8442, 0.1573, 0.8120



15.5010, 26.5755, 9.7872



39.3912, 67.4860, 25.2416

Previews

White Background



This preview shows how the HunterLab color 12.3951, 12.6365, 4.9121 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

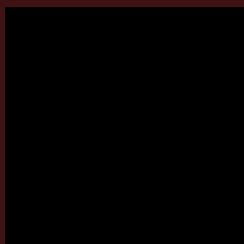
Any Text WCAG AA × Fail

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 12.3951, 12.6365, 4.9121 Background



This preview shows how black text looks on a background with the HunterLab color 12.3951, 12.6365, 4.9121.



This preview shows how white text looks on a background with the HunterLab color 12.3951, 12.6365, 4.9121.

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

12.3951, 12.6365, 4.9121

Protanopia

12.9781, -1.0379, 3.7773

Deuteranopia

12.8012, 0.3773, 5.6242



Tritanopia

12.3951, 12.6365, 4.9121

Trichromacy



Original Color

12.3951, 12.6365, 4.9121

Protanomaly

12.4295, 3.6143, 3.8556

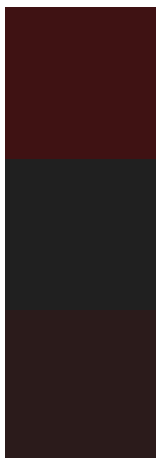
Deuteranomaly

12.4462, 4.4905, 5.2217

Tritanomaly

12.3951, 12.6365, 4.9121

Monochromacy



Original Color

12.3951, 12.6365, 4.9121

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.7328, 3.5969, 2.0528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3951, 12.6365, 4.9121 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(63, 18, 19)` looks like.

```
.text, #text, p{  
    color:rgb(63, 18, 19)  
}
```

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(63, 18, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 18, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3951, 12.6365, 4.9121 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(63, 18, 19) }
```


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

```
.border{ border-color:rgb(63, 18, 19) }
```

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

Here you see how a box with a 4 pixel rgb(63, 18, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 18, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 18, 19);  
box-shadow:4px 4px 4px 4px rgb(63, 18, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3951, 12.6365, 4.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 18, 19) }
```

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

```
.background{ background-color: rgb(63, 18,  
19) }
```

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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