

Converting Colors

HunterLab(12.3092, 20.5737,
5.0668)

Have a look what the booklet for
HunterLab(12.3092, 20.5737,
5.0668) contains.

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Color

**HunterLab(12.2756, 20.4964,
4.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	490213
RGB	73, 2, 19
RGB Percent	29%, 1%, 7%
CMY	0.7137, 0.9921, 0.9255
CMYK	0.00, 0.97, 0.74, 0.71
HSL	346°, 95%, 15%
HSV	346°, 97%, 29%
XYZ	2.8869, 1.5069, 0.7548
YIQ	25.1670, 36.8590, 20.3390

Conversions

Conversions Part 2

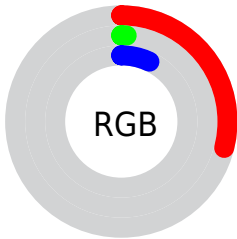
Format	Color
R_YB	73, 2, 19
Decimal	4784659
CIE Lab	12.65, 32.50, 11.02
CIE LCh	13, 34.319, 18.726
Yxy	1.5070, 0.5607, 0.2927
Android (android.graphics.Color)	4282974739 (0xFF490213)
YUV	25.1670, -3.0403, 41.9495
Hunter-Lab	12.2756, 20.4964, 4.9473

Details

The HunterLab color **12.2756, 20.4964, 4.9473** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.5024, -14.6176, 3.7506**, and the grayscale version is **9.9120, -0.5289, 0.5385**.

A 20% lighter version of the original color is **27.1940, 23.7461, 7.5470**, and **1.1360, 1.9455, 0.7341** is the 20% darker color. If you saturate the color by 10%, you get **12.0766, 21.0291, 5.1093**, and if you desaturate by 10%, it is **12.9874, 18.7699, 4.2473**.

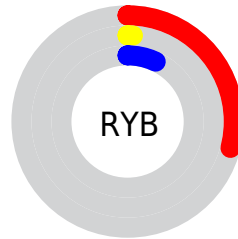
Distribution



Red (29%)

Green (1%)

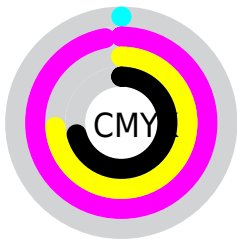
Blue (7%)



Red (29%)

Yellow (1%)

Blue (7%)

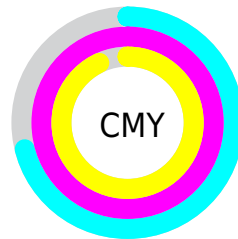


Cyan (0%)

Magenta (97%)

Yellow (74%)

Black (71%)



Cyan (71%)


Magenta (99%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.2756, 20.4964, 4.9473 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 12.2756, 20.4964, 4.9473 by changing the saturation by 10% instead.

 12.2756, 20.4964,
4.9473

 12.2756, 20.4964,
4.9473


 103.4495, 30.1083,
15.8509

 5.4189, 26.5622,
3.7932


 27.1625, 23.4690,
7.5204

0.0000, INF, NaN


0.0000, NaN, NaN

 35.9536, 24.7604,
8.7471

0.0000, NaN, NaN


 45.5300, 25.9194,
9.9460

0.0000, NaN, NaN

 55.8318, 26.9573,
11.1301

0.0000, NaN, NaN

0.0000, NaN, NaN


 66.8112, 27.8855,
12.3078


0.0000, NaN, NaN


 78.4287, 28.7144,


0.0000, NaN, NaN


13.4847


 90.6510, 29.4528,
14.6649


 12.2756, 20.4964,
4.9473


 12.2756, 20.4964,
4.9473


 12.0766, 21.0291,
5.1093

 12.9874, 18.7699,
4.2473

 13.7822, 17.0373,
3.4764

 14.8023, 14.9218,
2.8063

 16.0272, 12.5690,
2.2642

 17.4313, 10.1008,
1.8558

■ 18.9895, 7.6016,
1.5742

■ 20.6793, 5.1218,
1.4058

■ 22.4818, 2.6880,
1.3355

■ 24.3811, 0.3107,
1.3484

Harmonies

Analogous

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



12.2760, 21.4339, -3.0191



12.2756, 20.4964, 4.9473



12.2760, 13.0255, 8.5932

Triad

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



12.2760, 20.4949, 4.9476



12.2760, -11.2802, 8.5932



12.2760, -3.8689, -29.0716

Complementary

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



12.2756, 20.4964, 4.9473



22.5024, -14.6176, 3.7506

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.



12.2760, -10.1605, -19.3543



12.2756, 20.4964, 4.9473



12.2760, -14.0715, 3.4785

Square

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



12.2760, 20.4949, 4.9476



12.2760, -5.7474, 8.5932



12.2760, -13.6617, -5.9050



12.2760, 5.4306, -27.5226

Rectangle

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



12.2756, 20.4964, 4.9473



12.2760, 6.3004, 8.5932



12.2760, -13.6617, -5.9050



12.2760, -6.3415, -26.8367

Sweetspot

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



12.2760, 20.4949, 4.9476



26.2667, 7.5770, 1.8777



11.5926, 23.0374, -24.6914



13.3039, 4.2884, 0.9934



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.2760, 20.4949, 4.9476



15.6794, 27.2355, 7.1547



13.8294, 14.5781, 8.5300



12.3266, 0.3155, 0.6858



16.5627, 28.7574, 7.6533



40.7335, 70.4189, 21.1934

Inverse Universe

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



12.2760, 20.4949, 4.9476



15.6794, 27.2355, 7.1547



18.0285, -5.7495, -9.7212



12.3266, 0.3155, 0.6858



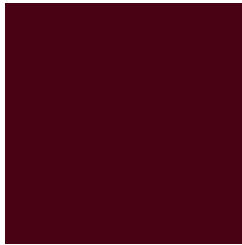
16.5627, 28.7574, 7.6533



40.7335, 70.4189, 21.1934

Previews

White Background



This preview shows how the HunterLab color 12.2756, 20.4964, 4.9473 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

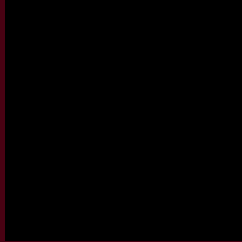
Any Text WCAG AA × Fail

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 12.2756, 20.4964, 4.9473 Background



This preview shows how black text looks on a background with the HunterLab color 12.2756, 20.4964, 4.9473.



This preview shows how white text looks on a background with the HunterLab color 12.2756, 20.4964,

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

12.2756, 20.4964, 4.9473

Protanopia

13.6312, -0.9876, 3.6037

Deuteranopia

13.4811, 0.4265, 6.3268



Tritanopia

12.6621, 18.2631, 7.3153

Trichromacy



Original Color

12.2756, 20.4964, 4.9473

Protanomaly

12.0562, 7.3030, 3.0339

Deuteranomaly

12.2105, 8.3193, 5.2894

Tritanomaly

12.5335, 18.9859, 6.5577

Monochromacy



Original Color

12.2756, 20.4964, 4.9473

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7724, 6.8254, 1.2232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2756, 20.4964, 4.9473 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(73, 2, 19)` looks like.

```
.text, #text, p{  
    color:rgb(73, 2, 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(73, 2, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 2, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2756, 20.4964, 4.9473 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(73, 2, 19) }
```


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

```
.border{ border-color:rgb(73, 2, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 2, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 2, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 2, 19); box-shadow:4px  
4px 4px 4px rgb(73, 2, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2756, 20.4964, 4.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 2, 19) }
```

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

```
.background{ background-color: rgb(73, 2,  
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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