

Converting Colors

HunterLab(12.2413, 18.5150,
8.5689)

Have a look what the booklet for
HunterLab(12.2413, 18.5150,
8.5689) contains.

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Color

**HunterLab(12.3491, 18.8894,
7.9402)**

Conversions

Conversions Part 1

Format	Color
Hex	490500
RGB	73, 5, 0
RGB Percent	29%, 2%, 0%
CMY	0.7137, 0.9804, 1.0000
CMYK	0.00, 0.93, 1.00, 0.71
HSL	4°, 100%, 14%
HSV	4°, 100%, 29%
XYZ	2.8019, 1.5250, 0.1467
YIQ	24.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

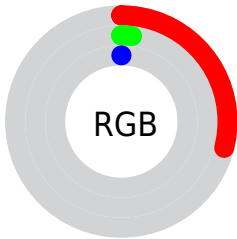
Format	Color
RYB	73, 5, 0
Decimal	4785408
CIELab	12.77, 30.46, 19.91
CIELCh	13, 36.395, 33.172
Yxy	1.5251, 0.6263, 0.3409
Android (android.graphics.Color)	4282975488 (0xFF490500)
YUV	24.7620, -12.2077, 42.3047
Hunter-Lab	12.3491, 18.8894, 7.9402

Details

The HunterLab color **12.3491, 18.8894, 7.9402** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.4818, -10.4264, -4.3427**, and the grayscale version is **9.8150, -0.5237, 0.5333**.

A 20% lighter version of the original color is **27.2940, 21.7655, 11.3576**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3495, 18.8879, 7.9404**, and if you desaturate by 10%, it is **13.0026, 17.2865, 7.3589**.

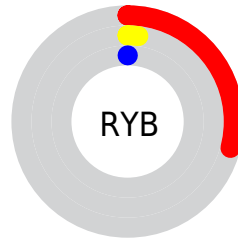
Distribution



Red (29%)

Green (2%)

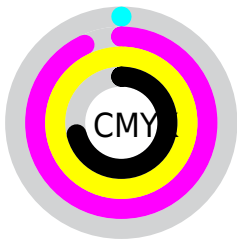
Blue (0%)



Red (29%)

Yellow (2%)

Blue (0%)

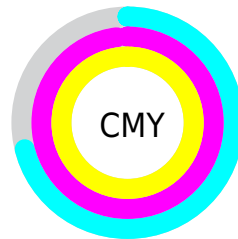


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (71%)



Cyan (71%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.3491, 18.8894, 7.9402 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 12.3491, 18.8894, 7.9402 by changing the saturation by 10% instead.

 12.3491, 18.8894,
7.9402

 12.3491, 18.8894,
7.9402


 103.5989, 27.7491,
23.3150

 5.5344, 24.1775,
3.8741


 27.2583, 21.7056,
11.2593

0.0000, NaN, NaN

0.0000, NaN, NaN

 36.0587, 22.9071,
13.1671

0.0000, NaN, NaN


 45.6437, 23.9765,
14.9775

0.0000, NaN, NaN

 55.9535, 24.9264,
16.7195

0.0000, NaN, NaN

0.0000, NaN, NaN


 66.9404, 25.7690,
18.4125


0.0000, NaN, NaN


 78.5650, 26.5146,


0.0000, NaN, NaN


20.0701


 90.7940, 27.1721,
21.7018


 12.3491, 18.8894,
7.9402


 12.3491, 18.8894,
7.9402


 12.3495, 18.8879,
7.9404

 13.0026, 17.2865,
7.3589

 13.7922, 15.4307,
6.8897

 14.7872, 13.3272,
6.3219

 15.9691, 11.1078,
5.6706

 17.3150, 8.8662,
4.9714

■ 18.8025, 6.6620,
4.2508

■ 20.4116, 4.5274,
3.5258

■ 22.1253, 2.4758,
2.8065

■ 23.9293, 0.5090,
2.0980

Harmonies

Analogous

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



12.3495, 23.6876, 1.6044



12.3491, 18.8894, 7.9402



12.3495, 8.8186, 8.6446

Triad

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



12.3495, 18.8879, 7.9404



12.3495, -13.6543, 6.7696



12.3495, 0.3779, -32.8258

Complementary

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



12.3491, 18.8894, 7.9402



21.4818, -10.4264, -4.3427

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.



12.3495, -7.9318, -27.4828



12.3491, 18.8894, 7.9402



12.3495, -15.0168, -0.3388

Square

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



12.3495, 18.8879, 7.9404



12.3495, -9.2198, 8.6446



12.3495, -12.9437, -13.3020



12.3495, 11.1430, -24.8883

Rectangle

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



12.3491, 18.8894, 7.9402



12.3495, 1.6113, 8.6446



12.3495, -12.9437, -13.3020



12.3495, -2.7774, -32.5335

Sweetspot

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



12.3495, 18.8879, 7.9404



26.3146, 6.2012, 4.6947



13.5478, 26.2936, -15.2184



13.3506, 3.5066, 2.5285



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.



12.3495, 18.8879, 7.9404



15.9331, 25.0210, 10.2560



17.4006, 5.9998, 10.8272



12.3613, 0.1187, 1.0202



16.8109, 26.5265, 10.8232



40.8417, 67.6920, 26.3515

Inverse Universe

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



21.4818, -10.4264, -4.3427



27.8827, -13.4815, -5.7483



12.2246, 3.5653, -22.9761



12.8986, -1.4257, 0.3610



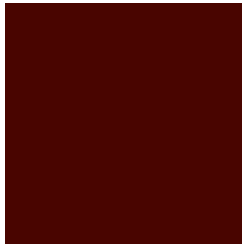
29.4512, -14.2298, -6.0933



72.3368, -34.6713, -15.5693

Previews

White Background



This preview shows how the HunterLab color 12.3491, 18.8894, 7.9402 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

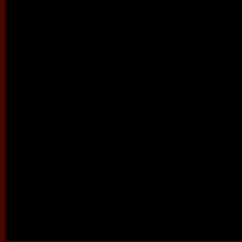
Any Text WCAG AA × Fail

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 12.3491, 18.8894, 7.9402 Background



This preview shows how black text looks on a background with the HunterLab color 12.3491, 18.8894, 7.9402.

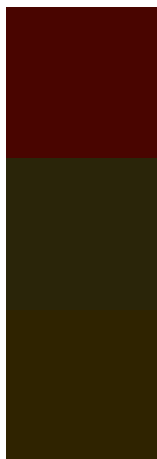


This preview shows how white text looks on a background with the HunterLab color 12.3491, 18.8894,

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

12.3491, 18.8894, 7.9402

Protanopia

13.5466, -1.7577, 7.1854

Deuteranopia

13.4402, 0.0311, 8.2824



Tritanopia

12.5237, 18.3288, 8.0379

Trichromacy



Original Color

12.3491, 18.8894, 7.9402

Protanomaly

12.1049, 6.0774, 6.7215

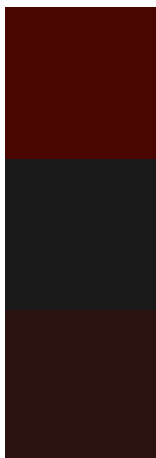
Deuteranomaly

12.2230, 7.1966, 7.6578

Tritanomaly

12.4367, 18.6067, 7.9892

Monochromacy



Original Color

12.3491, 18.8894, 7.9402

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.8095, 5.8462, 3.1840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3491, 18.8894, 7.9402 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, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(73, 5, 0)  
}
```

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, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 5, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3491, 18.8894, 7.9402 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, 5, 0) }
```


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

```
.border{ border-color:rgb(73, 5, 0) }
```

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

Here you see how a box with a 4 pixel rgb(73, 5, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 5, 0); box-shadow:4px  
4px 4px 4px rgb(73, 5, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.3491, 18.8894, 7.9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 5, 0) }
```

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

```
.background{ background-color: rgb(73, 5,  
0) }
```

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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