

Converting Colors

HunterLab(12.5660, 19.3749,
0.5693)

Have a look what the booklet for
HunterLab(12.5660, 19.3749,
0.5693) contains.

HunterLab(12.5515, 19.3501, 0.5617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(12.5515, 19.3501,
0.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	460723
RGB	70, 7, 35
RGB Percent	27%, 3%, 14%
CMY	0.7255, 0.9725, 0.8627
CMYK	0.00, 0.90, 0.50, 0.73
HSL	333°, 82%, 15%
HSV	333°, 90%, 27%
XYZ	2.9051, 1.5754, 1.7411
YIQ	29.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

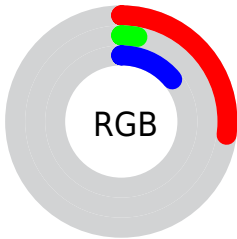
Format	Color
RYB	70, 7, 35
Decimal	4589347
CIELab	13.08, 30.99, -0.25
CIELCh	13, 30.988, 359.540
Yxy	1.5755, 0.4669, 0.2532
Android (android.graphics.Color)	4282779427 (0xFF460723)
YUV	29.0290, 2.9437, 35.9316
Hunter-Lab	12.5515, 19.3501, 0.5617

Details

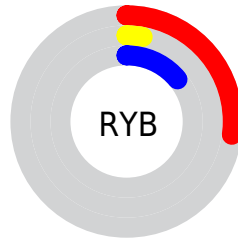
The HunterLab color **12.5515, 19.3501, 0.5617** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.4306, -15.0495, 6.8807**, and the grayscale version is **11.0790, -0.5912, 0.6019**.

A 20% lighter version of the original color is **27.6195, 22.1138, 1.5269**, and **1.3914, 2.3828, 0.8991** is the 20% darker color. If you saturate the color by 10%, you get **11.8393, 21.1137, 1.1347**, and if you desaturate by 10%, it is **13.2742, 17.7473, -0.0403**.

Distribution



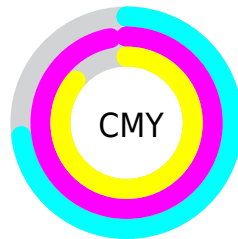
- Red (27%)
- Green (3%)
- Blue (14%)



- Red (27%)
- Yellow (3%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (50%)
- Black (73%)



- Cyan (73%)
- Magenta (97%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5515, 19.3501, 0.5617 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 12.5515, 19.3501, 0.5617 by changing the saturation by 10% instead.

12.5515, 19.3501,
0.5617

12.5515, 19.3501,
0.5617

104.0093, 28.3721,
5.4172

5.8394, 23.5225,
0.1413

27.5215, 22.1997,
1.3410

0.0000, INF, NaN

0.0000, NaN, NaN

36.3476, 23.4199,
1.8062

0.0000, NaN, NaN

45.9561, 24.5082,
2.3153

0.0000, NaN, NaN

0.0000, NaN, NaN

56.2878, 25.4770,
2.8647

0.0000, NaN, NaN

67.2953, 26.3382,
3.4517

0.0000, NaN, NaN

78.9393, 27.1021,

0.0000, NaN, NaN

4.0740

91.1867, 27.7776,
4.7297

12.5515, 19.3501,
0.5617

12.5515, 19.3501,
0.5617

11.8393, 21.1137,
1.1347

13.2742, 17.7473,
-0.0403

11.8389, 21.1149,
1.1350

14.1823, 15.7840,
-0.4504

15.2819, 13.5257,
-0.6446

16.5515, 11.0966,
-0.6432

17.9691, 8.5899,
-0.4747

■ 19.5141, 6.0668,
-0.1679

■ 21.1687, 3.5633,
0.2513

■ 22.9178, 1.0979,
0.7613

■ 24.7491, -1.3220,
1.3450

Harmonies

Analogous

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



12.5519, 16.0508, -9.5685



12.5515, 19.3501, 0.5617



12.5519, 16.2377, 6.3841

Triad

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



12.5519, 19.3489, 0.5621



12.5519, -7.5467, 8.7863



12.5519, -7.7154, -20.3921

Complementary

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



12.5515, 19.3501, 0.5617



21.4306, -15.0495, 6.8807

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.



12.5519, -11.7522, -9.2107



12.5515, 19.3501, 0.5617



12.5519, -11.6659, 6.5264

Square

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



12.5519, 19.3489, 0.5621



12.5519, -0.5434, 8.7863



12.5519, -13.1503, 0.8032



12.5519, -0.7969, -25.5384

Rectangle

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



12.5515, 19.3501, 0.5617



12.5519, 11.3105, 8.7863



12.5519, -13.1503, 0.8032



12.5519, -9.3630, -16.9663

Sweetspot

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



12.5519, 19.3489, 0.5621



26.1371, 7.3780, -0.1279



10.3884, 18.2852, -26.3490



13.0686, 3.9478, -0.0978



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.5519, 19.3489, 0.5621



15.5682, 27.6803, 2.1590



12.4011, 16.7928, 6.9738



12.3434, 0.4061, 0.4463



16.9157, 30.0523, 2.5294



41.5446, 73.4014, 9.3657

Inverse Universe

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



12.5519, 19.3489, 0.5621



15.5682, 27.6803, 2.1590



21.1753, -10.1541, -3.3536



12.3434, 0.4061, 0.4463



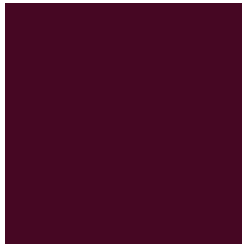
16.9157, 30.0523, 2.5294



41.5446, 73.4014, 9.3657

Previews

White Background



This preview shows how the HunterLab color 12.5515, 19.3501, 0.5617 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

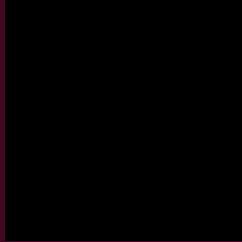
Any Text WCAG AA × Fail

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 12.5515, 19.3501, 0.5617 Background



This preview shows how black text looks on a background with the HunterLab color 12.5515, 19.3501, 0.5617.



This preview shows how white text looks on a background with the HunterLab color 12.5515, 19.3501,

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

12.5515, 19.3501, 0.5617

Protanopia

13.4736, 0.7157, -4.9640

Deuteranopia

13.4111, 0.7090, 2.2351



Tritanopia

12.8115, 15.3557, 6.0717

Trichromacy



Original Color

12.5515, 19.3501, 0.5617

Protanomaly

12.1061, 7.5370, -4.5671

Deuteranomaly

12.3900, 7.6829, 0.8839

Tritanomaly

12.5940, 16.6617, 4.4785

Monochromacy



Original Color

12.5515, 19.3501, 0.5617

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

10.8200, 6.7047, -0.3188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5515, 19.3501, 0.5617 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(70, 7, 35)` looks like.

```
.text, #text, p{  
    color:rgb(70, 7, 35)  
}
```

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(70, 7, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 7, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5515, 19.3501, 0.5617 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(70, 7, 35) }
```


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

```
.border{ border-color:rgb(70, 7, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 7, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 7, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 7, 35); box-shadow:4px  
4px 4px 4px rgb(70, 7, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5515, 19.3501, 0.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 7, 35) }
```

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

```
.background{ background-color: rgb(70, 7,  
35) }
```

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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