

Converting Colors

HunterLab(29.5375, -5.3734,
-12.7809)

Have a look what the booklet for
HunterLab(29.5375, -5.3734,
-12.7809) contains.

HunterLab(29.3925, -5.2857, -12.9028)	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(29.3925, -5.2857,
-12.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	315770
RGB	49, 87, 112
RGB Percent	19%, 34%, 44%
CMY	0.8078, 0.6588, 0.5608
CMYK	0.56, 0.22, 0.00, 0.56
HSL	204°, 39%, 32%
HSV	204°, 56%, 44%
XYZ	7.5994, 8.6392, 16.5962
YIQ	78.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

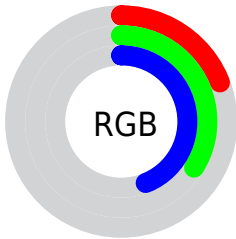
Format	Color
RYB	49, 73, 112
Decimal	3233648
CIELab	35.28, -5.63, -18.42
CIELCh	35, 19.262, 252.998
Yxy	8.6395, 0.2314, 0.2631
Android (android.graphics.Color)	4281423728 (0xFF315770)
YUV	78.4880, 16.5214, -25.8610
Hunter-Lab	29.3925, -5.2857, -12.9028

Details

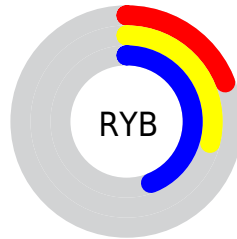
The HunterLab color $29.3925, -5.2857, -12.9028$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $29.2650, 7.8625, 12.2830$, and the grayscale version is $27.7283, -1.4795, 1.5065$.

A 20% lighter version of the original color is $48.2504, -7.1121, -13.5507$, and $14.2341, -2.9218, -11.4842$ is the 20% darker color. If you saturate the color by 10%, you get $27.7437, -4.9541, -15.7511$, and if you desaturate by 10%, it is $31.1376, -5.3063, -10.0952$.

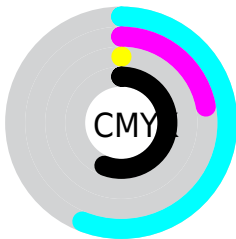
Distribution



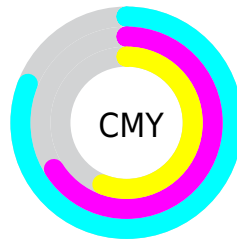
- Red (19%)
- Green (34%)
- Blue (44%)



- Red (19%)
- Yellow (29%)
- Blue (44%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (56%)



- Cyan (81%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3925, -5.2857, -12.9028 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 29.3925, -5.2857, -12.9028 by changing the saturation by 10% instead.

■ 29.3925, -5.2857,
-12.9028

■ 29.3925, -5.2857,
-12.9028

■ 134.4118,
-13.4482, -13.8949

■ 21.2292, -4.4470,
-12.4766

■ 48.1694, -6.9853,
-13.5609

■ 14.0032, -3.6026,
-12.0242

■ 58.6536, -7.8554,
-13.7870

■ 7.6460, -3.6183,
-12.3137

■ 69.8042, -8.7419,
-13.9475

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.5837, -9.6460,
-14.0463

0.0000, NaN, NaN

■ 93.9600, -10.5685,
-14.0871

0.0000, NaN, NaN

■ 106.9057,

0.0000, NaN, NaN

-11.5096, -14.0734

0.0000, NaN, NaN

120.3967,
-12.4695, -14.0084

■ 29.3925, -5.2857,
-12.9028

■ 29.3925, -5.2857,
-12.9028

■ 27.7437, -4.9541,
-15.7511

■ 31.1376, -5.3063,
-10.0952

■ 26.1959, -4.2867,
-18.6287

■ 32.9704, -5.0437,
-7.3386

■ 24.7551, -3.2668,
-21.5179

■ 34.8849, -4.5262,
-4.6370

■ 23.4110, -1.9377,
-24.4308

■ 36.8746, -3.7810,
-1.9920

■ 22.9141, -1.4225,
-25.5699

■ 38.9338, -2.8329,
0.5970

■ 41.0569, -1.7046,
3.1322

■ 43.2393, -0.4161,
5.6168

■ 45.4764, 1.0151,
8.0544

■ 47.7644, 2.5736,
10.4489

Harmonies

Analogous

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



29.3930, -10.5101, -8.1765



29.3925, -5.2857, -12.9028



29.3930, 1.4202, -13.2308

Triad

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



29.3930, -5.2857, -12.9022



29.3930, 12.2423, 4.2548



29.3930, -9.9429, 9.3018

Complementary

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



29.3925, -5.2857, -12.9028



29.2650, 7.8625, 12.2830

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.



29.3930, -4.4450, 11.3003



29.3925, -5.2857, -12.9028



29.3930, 8.5857, 8.8632

Square

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



29.3930, -5.2857, -12.9022



29.3930, 11.9652, -2.2623



29.3930, 2.3402, 11.1604



29.3930, -13.0271, 5.0002

Rectangle

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



29.3925, -5.2857, -12.9028



29.3930, 5.8725, -10.8176



29.3930, 2.3402, 11.1604



29.3930, -8.3384, 10.2165

Sweetspot

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



29.3930, -5.2857, -12.9022



48.5536, -5.1445, -3.0562



35.6715, -21.0489, 11.0913



23.6061, -2.5991, -1.7492



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



29.3930, -5.2857, -12.9022



36.2446, -6.3873, -21.8306



21.6461, 8.4860, -28.5012



18.9835, -1.5405, -0.0547



24.5454, -1.3774, -27.7063



53.1918, -0.3959, -65.6304

Inverse Universe

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



25.1591, 23.3795, -5.3376



30.3612, 37.6003, -7.6384



37.0118, -5.6785, 18.0518



18.5260, 0.9270, 0.3122



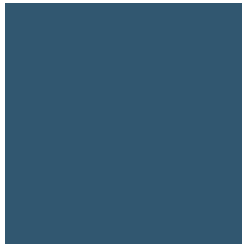
21.1046, 38.3771, -3.6872



46.9191, 84.9883, -5.6347

Previews

White Background



This preview shows how the HunterLab color 29.3925, -5.2857, -12.9028 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 29.3925, -5.2857, -12.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

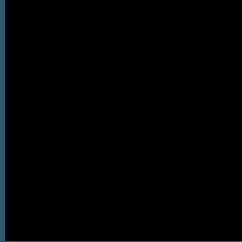
Any Text WCAG AA × Fail

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 29.3925, -5.2857, -12.9028 Background



This preview shows how black text looks on a background with the HunterLab color 29.3925, -5.2857, -12.9028.

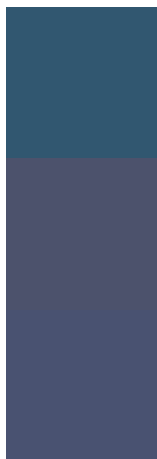


This preview shows how white text looks on a background with the HunterLab color 29.3925, -5.2857, -12.9028.

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

29.3925, -5.2857, -12.9028

Protanopia

29.4173, 1.3376, -10.4441

Deuteranopia

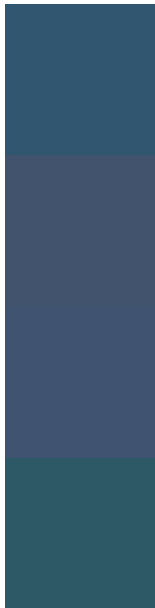
29.3995, 1.6499, -13.3618



Tritanopia

29.4771, -10.3460, -4.7648

Trichromacy



Original Color

29.3925, -5.2857, -12.9028

Protanomaly

29.3309, -1.5636, -11.1997

Deuteranomaly

29.3648, -1.1459, -13.4694

Tritanomaly

29.4312, -8.7292, -7.3408

Monochromacy



Original Color

29.3925, -5.2857, -12.9028

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.9577, -3.5782, -3.3485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3925, -5.2857, -12.9028 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(49, 87, 112)` looks like.

```
.text, #text, p{  
    color:rgb(49, 87, 112)  
}
```

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(49, 87, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 87, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3925, -5.2857, -12.9028 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(49, 87, 112) }
```


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

```
.border{ border-color:rgb(49, 87, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 87, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 87, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 87, 112);  
box-shadow:4px 4px 4px 4px rgb(49, 87,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3925, -5.2857, -12.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 87, 112) }
```

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

```
.background{ background-color: rgb(49, 87,  
112) }
```

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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