

Converting Colors

HunterLab(29.4930, 2.6898,
-13.2333)

Have a look what the booklet for
HunterLab(29.4930, 2.6898,
-13.2333) contains.

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Color

**HunterLab(29.3490, 2.7906,
-13.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5171
RGB	76, 81, 113
RGB Percent	30%, 32%, 44%
CMY	0.7020, 0.6823, 0.5569
CMYK	0.33, 0.28, 0.00, 0.56
HSL	232°, 20%, 37%
HSV	232°, 33%, 44%
XYZ	8.9036, 8.6136, 16.8162
YIQ	83.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

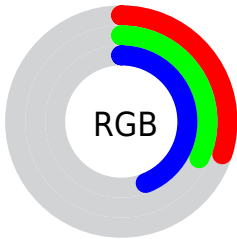
Format	Color
R_{YB}	76, 80, 113
Decimal	5001585
CIE Lab	35.23, 6.26, -18.98
CIE LCh	35, 19.984, 288.263
Yxy	8.6140, 0.2593, 0.2509
Android (android.graphics.Color)	4283191665 (0xFF4C5171)
YUV	83.1530, 14.7146, -6.2732
Hunter-Lab	29.3490, 2.7906, -13.4272

Details

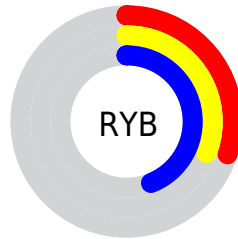
The HunterLab color $29.3490, 2.7906, -13.4272$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $38.4159, -4.6053, 13.0378$, and the grayscale version is $29.4188, -1.5697, 1.5984$.

A 20% lighter version of the original color is $48.0807, 2.6512, -14.2228$, and $14.0741, 2.6527, -12.3490$ is the 20% darker color. If you saturate the color by 10%, you get $26.1564, 4.7861, -19.2121$, and if you desaturate by 10%, it is $32.6753, 1.0588, -8.1952$.

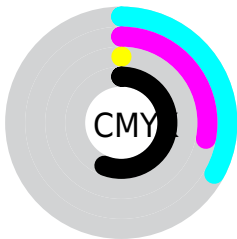
Distribution



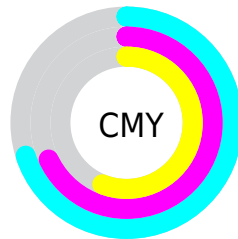
- Red (30%)
- Green (32%)
- Blue (44%)



- Red (30%)
- Yellow (31%)
- Blue (44%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3490, 2.7906, -13.4272 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 29.3490, 2.7906, -13.4272 by changing the saturation by 10% instead.

■ 29.3490, 2.7906,
-13.4272

■ 29.3490, 2.7906,
-13.4272

■ 134.3397, -0.0683,
-14.5857

■ 21.1902, 2.8044,
-12.9874

■ 48.1182, 2.5281,
-14.1208

■ 13.9693, 2.7180,
-12.5301

■ 58.5989, 2.3009,
-14.3660

■ 7.6093, 3.1799,
-12.8825

■ 69.7462, 2.0189,
-14.5458

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.5226, 1.6871,
-14.6636

0.0000, NaN, NaN

■ 93.8960, 1.3094,
-14.7233

0.0000, NaN, NaN

106.8388, 0.8892,

0.0000, NaN, NaN

-14.7281

0.0000, NaN, NaN

120.3271, 0.4292,
-14.6813

■ 29.3490, 2.7906,
-13.4272

■ 29.3490, 2.7906,
-13.4272

■ 26.1564, 4.7861,
-19.2121

■ 32.6753, 1.0588,
-8.1952

■ 23.1224, 7.1148,
-25.6876

■ 36.1141, -0.4638,
-3.4036

■ 20.2841, 9.8543,
-32.9942

■ 39.6512, -1.8206,
1.0401

■ 17.6920, 13.0745,
-41.2256

■ 43.2750, -3.0449,
5.2079

■ 15.4151, 16.7867,
-50.2970

■ 46.9767, -4.1625,
9.1560

■ 13.5390, 20.8331,
-59.7089

■ 50.7491, -5.1933,
12.9282

■ 12.4163, 23.6339,
-66.5381

■ 54.5862, -6.1531,
16.5588

■ 58.4832, -7.0540,
20.0751

■ 62.4359, -7.9060,
23.4985

Harmonies

Analogous

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



29.3496, -4.2672, -13.9889



29.3490, 2.7906, -13.4272



29.3496, 9.2170, -8.3177

Triad

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



29.3496, 2.7903, -13.4265



29.3496, 7.9852, 9.6650



29.3496, -13.6657, 4.0950

Complementary

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



29.3490, 2.7906, -13.4272



38.4159, -4.6053, 13.0378

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.



29.3496, -10.9897, 8.9340



29.3490, 2.7906, -13.4272



29.3496, 1.2333, 11.6057

Square

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



29.3496, 2.7903, -13.4265



29.3496, 12.4052, 5.3488



29.3496, -5.6852, 11.3740



29.3496, -13.3338, -2.7251

Rectangle

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



29.3490, 2.7906, -13.4272



29.3496, 12.0753, -3.5753



29.3496, -5.6852, 11.3740



29.3496, -13.0992, 5.9723

Sweetspot

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



29.3496, 2.7903, -13.4265



49.4861, -1.0887, -3.0437



37.9711, -12.0902, 1.2716



23.5559, -0.4269, -1.7767



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.



29.3496, 2.7903, -13.4265



36.1354, 5.6440, -23.5362



29.1253, 8.3589, -13.7103



18.3481, -0.4853, -0.8338



13.1487, 25.4448, -71.3627



28.0155, 61.8265, -168.4826

Inverse Universe

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



30.4532, 10.4793, 3.7919



38.1025, 17.9952, 5.8074



38.7872, -10.4859, 13.2647



18.4613, 0.5784, 1.2349



20.0508, 34.5272, 11.4872



44.6655, 76.7423, 26.9142

Previews

White Background



This preview shows how the HunterLab color 29.3490, 2.7906, -13.4272 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 29.3490, 2.7906, -13.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

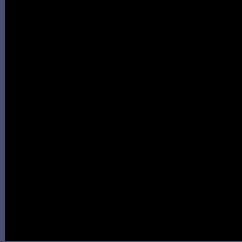
Any Text WCAG AA × Fail

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 29.3490, 2.7906, -13.4272 Background



This preview shows how black text looks on a background with the HunterLab color 29.3490, 2.7906, -13.4272.



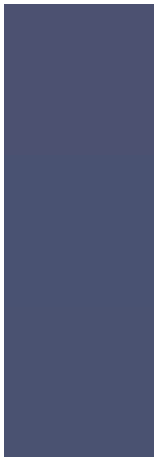
This preview shows how white text looks on a background with the HunterLab color 29.3490, 2.7906, -13.4272.

-13.4272.

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

29.3490, 2.7906, -13.4272

Protanopia

29.4380, 1.8565, -13.8910

Deuteranopia

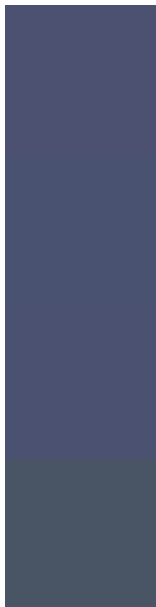
29.4664, 1.8751, -13.2451



Tritanopia

29.3416, -4.0254, -2.4501

Trichromacy



Original Color

29.3490, 2.7906, -13.4272

Protanomaly

29.5048, 2.0809, -13.7733

Deuteranomaly

29.5342, 2.1027, -13.1271

Tritanomaly

29.4571, -1.7503, -6.1463

Monochromacy



Original Color

29.3490, 2.7906, -13.4272

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.2373, -0.2116, -3.4625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3490, 2.7906, -13.4272 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(76, 81, 113)` looks like.

```
.text, #text, p{  
    color:rgb(76, 81, 113)  
}
```

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(76, 81, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 81, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3490, 2.7906, -13.4272 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(76, 81, 113) }
```


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

```
.border{ border-color:rgb(76, 81, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 81, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 81, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 81, 113);  
box-shadow:4px 4px 4px 4px rgb(76, 81,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3490, 2.7906, -13.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 81, 113) }
```

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

```
.background{ background-color: rgb(76, 81,  
113) }
```

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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