

Converting Colors

HunterLab(29.9546, 1.6848,
-11.4638)

Have a look what the booklet for
HunterLab(29.9546, 1.6848,
-11.4638) contains.

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Color

**HunterLab(29.8530, 1.7090,
-11.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	4D536F
RGB	77, 83, 111
RGB Percent	30%, 33%, 44%
CMY	0.6980, 0.6745, 0.5647
CMYK	0.31, 0.25, 0.00, 0.56
HSL	229°, 18%, 37%
HSV	229°, 31%, 44%
XYZ	9.0231, 8.9120, 16.2836
YIQ	84.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

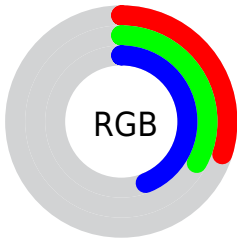
Format	Color
R_{YB}	77, 82, 111
Decimal	5067631
CIE _{Lab}	35.82, 4.75, -16.82
CIE _{LCh}	36, 17.483, 285.777
Y _{xy}	8.9124, 0.2637, 0.2604
Android (android.graphics.Color)	4283257711 (0xFF4D536F)
Y_{UV}	84.3980, 13.1148, -6.4880
Hunter-Lab	29.8530, 1.7090, -11.4432

Details

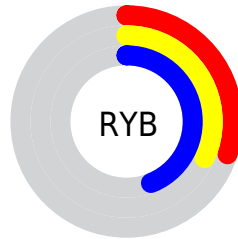
The HunterLab color $29.8530, 1.7090, -11.4432$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $37.4415, -3.7991, 11.8860$, and the grayscale version is $29.8778, -1.5942, 1.6233$.

A 20% lighter version of the original color is $48.6404, 1.5396, -12.2379$, and $14.2703, 1.9877, -10.7103$ is the 20% darker color. If you saturate the color by 10%, you get $26.7984, 3.3850, -16.7010$, and if you desaturate by 10%, it is $33.0250, 0.2721, -6.6453$.

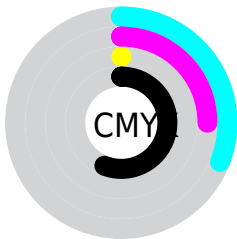
Distribution



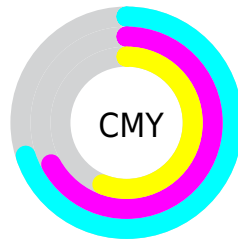
- Red (30%)
- Green (33%)
- Blue (44%)



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



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8530, 1.7090, -11.4432 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 29.8530, 1.7090, -11.4432 by changing the saturation by 10% instead.

■ 29.8530, 1.7090,
-11.4432

■ 29.8530, 1.7090,
-11.4432

■ 135.1750, -1.8281,
-11.9233

■ 21.6427, 1.8264,
-11.0634

■ 48.7120, 1.2642,
-11.9877

■ 14.3635, 1.8557,
-10.6345

■ 59.2328, 0.9549,
-12.1545

■ 8.0235, 2.1529,
-10.6073

■ 70.4180, 0.5956,
-12.2560

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.2301, 0.1904,
-12.2965

0.0000, NaN, NaN

■ 94.6375, -0.2571,
-12.2801

0.0000, NaN, NaN

107.6129, -0.7443,

0.0000, NaN, NaN

-12.2103

0.0000, NaN, NaN

121.1324, -1.2686,
-12.0904

■ 29.8530, 1.7090,
-11.4432

■ 29.8530, 1.7090,
-11.4432

■ 26.7984, 3.3850,
-16.7010

■ 33.0250, 0.2721,
-6.6453

■ 23.8806, 5.3609,
-22.5297

■ 36.2965, -0.9727,
-2.2176

■ 21.1288, 7.7073,
-29.0472

■ 39.6559, -2.0632,
1.9145

■ 18.5819, 10.4977,
-36.3522

■ 43.0936, -3.0286,
5.8096

■ 16.2921, 13.7808,
-44.4497

■ 46.6019, -3.8918,
9.5139

■ 14.3274, 17.5163,
-53.1002

■ 50.1744, -4.6706,
13.0641

■ 12.7815, 21.0965,
-61.5172

■ 53.8061, -5.3793,
16.4890

■ 57.4927, -6.0290,
19.8119

■ 61.2305, -6.6290,
23.0514

Harmonies

Analogous

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



29.8536, -4.4611, -11.5548



29.8530, 1.7090, -11.4432



29.8536, 7.4162, -7.3925

Triad

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



29.8536, 1.7087, -11.4426



29.8536, 7.1623, 8.6494



29.8536, -12.2713, 4.2735

Complementary

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



29.8530, 1.7090, -11.4432



37.4415, -3.7991, 11.8860

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.



29.8536, -9.6490, 8.4884



29.8530, 1.7090, -11.4432



29.8536, 1.3845, 10.6438

Square

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



29.8536, 1.7087, -11.4426



29.8536, 10.7354, 4.5405



29.8536, -4.7600, 10.5915



29.8536, -12.2000, -1.6178

Rectangle

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



29.8530, 1.7090, -11.4432



29.8536, 10.0451, -3.4000



29.8536, -4.7600, 10.5915



29.8536, -11.6855, 5.9046

Sweetspot

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



29.8536, 1.7087, -11.4426



49.1859, -1.5150, -2.1803



37.3658, -11.4898, 1.7165



23.8534, -0.6543, -1.3943



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.



29.8536, 1.7087, -11.4426



36.9158, 3.9062, -20.4359



29.1875, 7.1785, -12.4389



18.4037, -0.5790, -0.7646



13.7635, 23.2771, -67.4519



29.1765, 57.4146, -160.4097

Inverse Universe

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



30.5157, 9.6020, 3.0708



38.1739, 16.8060, 4.6698



38.2460, -9.4984, 12.5159



18.4668, 0.6085, 1.1552



20.0924, 34.6812, 10.8727



44.7405, 77.0201, 25.8045

Previews

White Background



This preview shows how the HunterLab color 29.8530, 1.7090, -11.4432 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 29.8530, 1.7090, -11.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

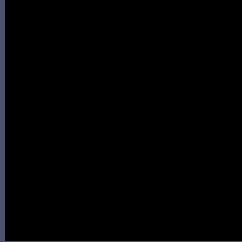
Any Text WCAG AA × Fail

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 29.8530, 1.7090, -11.4432 Background



This preview shows how black text looks on a background with the HunterLab color 29.8530, 1.7090, -11.4432.



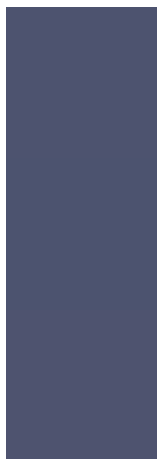
This preview shows how white text looks on a background with the HunterLab color 29.8530, 1.7090,

-11.4432.

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

29.8530, 1.7090, -11.4432

Protanopia

29.7837, 1.4756, -11.5593

Deuteranopia

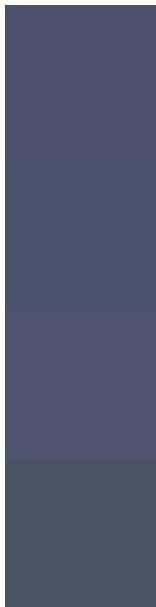
29.9231, 1.9449, -11.3258



Tritanopia

29.7697, -3.8216, -2.3480

Trichromacy



Original Color

29.8530, 1.7090, -11.4432

Protanomaly

29.7837, 1.4756, -11.5593

Deuteranomaly

29.9231, 1.9449, -11.3258

Tritanomaly

29.7875, -1.9546, -5.6771

Monochromacy



Original Color

29.8530, 1.7090, -11.4432

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.8297, -0.8354, -2.6819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8530, 1.7090, -11.4432 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(77, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(77, 83, 111)  
}
```

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(77, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 83, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8530, 1.7090, -11.4432 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(77, 83, 111) }
```


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

```
.border{ border-color:rgb(77, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(77, 83,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8530, 1.7090, -11.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 83, 111) }
```

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

```
.background{ background-color: rgb(77, 83,  
111) }
```

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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