

Converting Colors

HunterLab(30.3670, -2.8789,
-21.2124)

Have a look what the booklet for
HunterLab(30.3670, -2.8789,
-21.2124) contains.

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Color

**HunterLab(30.4698, -2.9684,
-21.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5980
RGB	46, 89, 128
RGB Percent	18%, 35%, 50%
CMY	0.8196, 0.6510, 0.4980
CMYK	0.64, 0.30, 0.00, 0.50
HSL	209°, 47%, 34%
HSV	209°, 64%, 50%
XYZ	8.5953, 9.2841, 21.7610
YIQ	80.5890, -38.1470, 3.0130

Conversions

Conversions Part 2

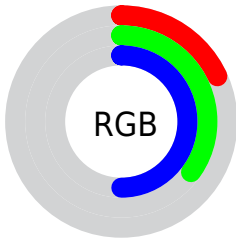
Format	Color
R_{YB}	46, 74, 128
Decimal	3037568
CIE _{Lab}	36.53, -1.97, -26.37
CIE _{LCh}	37, 26.445, 265.718
Yxy	9.2844, 0.2168, 0.2342
Android (android.graphics.Color)	4281227648 (0xFF2E5980)
YUV	80.5890, 23.3736, -30.3346
Hunter-Lab	30.4698, -2.9684, -21.0151

Details

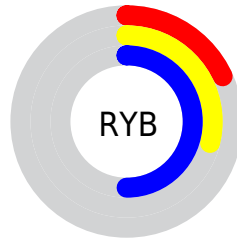
The HunterLab color **30.4698, -2.9684, -21.0151** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **33.5917, 8.4031, 16.2833**, and the grayscale version is **28.4648, -1.5188, 1.5465**.

A 20% lighter version of the original color is **49.5083, -4.3320, -21.9223**, and **15.3814, -0.0873, -19.0370** is the 20% darker color. If you saturate the color by 10%, you get **28.3874, -1.7844, -25.1929**, and if you desaturate by 10%, it is **32.6846, -3.7398, -16.9714**.

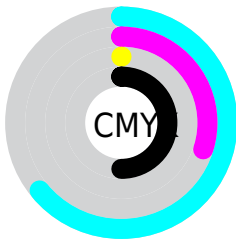
Distribution



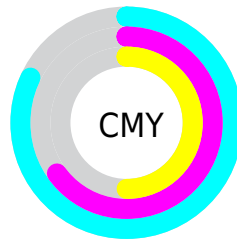
- Red (18%)
- Green (35%)
- Blue (50%)



- Red (18%)
- Yellow (29%)
- Blue (50%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)



- Cyan (82%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4698, -2.9684, -21.0151 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 30.4698, -2.9684, -21.0151 by changing the saturation by 10% instead.

■ 30.4698, -2.9684,
-21.0151

■ 30.4698, -2.9684,
-21.0151

■ 136.1931, -9.4950,
-24.0387

■ 22.1972, -2.3895,
-20.4811

■ 49.4374, -4.2198,
-22.0584

■ 14.8478, -1.8425,
-20.0692

■ 60.0069, -4.8910,
-22.5111

■ 8.5000, -1.4662,
-20.3745

■ 71.2378, -5.5911,
-22.9067

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.0932, -6.3193,
-23.2440

0.0000, NaN, NaN

■ 95.5418, -7.0746,
-23.5239

0.0000, NaN, NaN

■ 108.5567, -7.8562,

0.0000, NaN, NaN

-23.7482

0.0000, NaN, NaN

122.1141, -8.6632,
-23.9190

■ 30.4698, -2.9684,
-21.0151

■ 30.4698, -2.9684,
-21.0151

■ 28.3874, -1.7844,
-25.1929

■ 32.6846, -3.7398,
-16.9714

■ 26.4478, -0.1548,
-29.4878

■ 35.0184, -4.1398,
-13.0714

■ 24.6591, 1.9296,
-33.8743

■ 37.4604, -4.2100,
-9.3139

■ 23.6373, 3.2699,
-36.6032

■ 40.0004, -3.9901,
-5.6923

■ 42.6294, -3.5159,
-2.1972

■ 45.3394, -2.8190,
1.1825

■ 48.1233, -1.9270,
4.4585

■ 50.9751, -0.8634,
7.6420

■ 53.8894, 0.3515,
10.7437

Harmonies

Analogous

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



30.4703, -11.1742, -16.2912



30.4698, -2.9684, -21.0151



30.4703, 6.6383, -18.3086

Triad

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



30.4703, -2.9682, -21.0144



30.4703, 16.4702, 8.2287



30.4703, -15.1969, 9.8558

Complementary

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



30.4698, -2.9684, -21.0151



33.5917, 8.4031, 16.2833

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.



30.4703, -9.0964, 13.4573



30.4698, -2.9684, -21.0151



30.4703, 9.2618, 12.7377

Square

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



30.4703, -2.9682, -21.0144



30.4703, 18.6221, 0.3437



30.4703, -0.2631, 14.3242



30.4703, -17.6690, 2.9174

Rectangle

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



30.4698, -2.9684, -21.0151



30.4703, 12.4555, -12.9920



30.4703, -0.2631, 14.3242



30.4703, -13.5416, 11.4035

Sweetspot

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



30.4703, -2.9682, -21.0144



54.6747, -5.0428, -5.3894



40.8212, -25.7119, 12.4411



26.0460, -2.5085, -3.1577



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



30.4703, -2.9682, -21.0144



36.4298, -1.4246, -36.0965



20.7706, 16.1650, -45.2140



21.3441, -1.5516, -0.2454



23.5433, 3.2451, -36.4322

0.0000, NaN, NaN

Inverse Universe

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



26.9533, 30.1999, -3.6534



32.3959, 47.5708, -3.6879



44.1832, -9.5985, 23.5883



20.9260, 1.0361, 0.5165

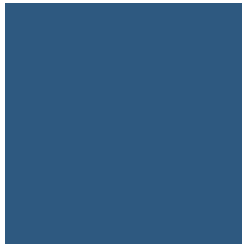


22.2577, 39.9301, 0.3282

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 30.4698, -2.9684, -21.0151 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 30.4698, -2.9684, -21.0151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

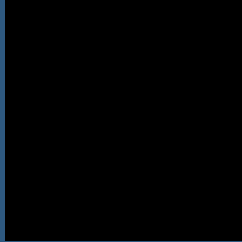
Any Text WCAG AA × Fail

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 30.4698, -2.9684, -21.0151 Background



This preview shows how black text looks on a background with the HunterLab color 30.4698, -2.9684, -21.0151.

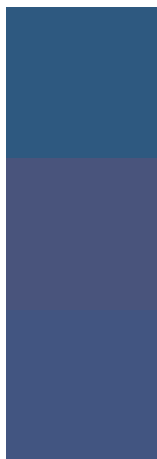


This preview shows how white text looks on a background with the HunterLab color 30.4698, -2.9684, -21.0151.

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

30.4698, -2.9684, -21.0151

Protanopia

30.3519, 3.0837, -18.4927

Deuteranopia

30.3977, 2.3410, -21.7372



Tritanopia

30.4496, -12.2715, -5.9283

Trichromacy



Original Color

30.4698, -2.9684, -21.0151

Protanomaly

30.3200, 0.3921, -19.2503

Deuteranomaly

30.2826, 0.6090, -21.9925

Tritanomaly

30.3238, -9.1574, -10.8796

Monochromacy



Original Color

30.4698, -2.9684, -21.0151

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.0713, -3.2352, -5.7096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4698, -2.9684, -21.0151 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(46, 89, 128)` looks like.

```
.text, #text, p{  
    color:rgb(46, 89, 128)  
}
```

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(46, 89, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 89, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4698, -2.9684, -21.0151 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(46, 89, 128) }
```


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

```
.border{ border-color:rgb(46, 89, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 89, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 89, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 89, 128);  
box-shadow:4px 4px 4px 4px rgb(46, 89,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4698, -2.9684, -21.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 89, 128) }
```

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

```
.background{ background-color: rgb(46, 89,  
128) }
```

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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