

Converting Colors

HunterLab(34.4493, -13.6548,
-2.2730)

Have a look what the booklet for
HunterLab(34.4493, -13.6548,
-2.2730) contains.

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Color

**HunterLab(34.4203,
-13.4674, -2.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	33696A
RGB	51, 105, 106
RGB Percent	20%, 41%, 42%
CMY	0.8000, 0.5882, 0.5843
CMYK	0.52, 0.01, 0.00, 0.58
HSL	181°, 35%, 31%
HSV	181°, 52%, 42%
XYZ	9.0183, 11.8476, 15.4472
YIQ	88.9680, -32.5050, -11.1370

Conversions

Conversions Part 2

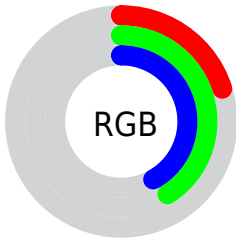
Format	Color
RYB	51, 78, 106
Decimal	3369322
CIELab	40.97, -17.52, -6.08
CIELCh	41, 18.546, 199.138
Yxy	11.8480, 0.2484, 0.3263
Android (android.graphics.Color)	4281559402 (0xFF33696A)
YUV	88.9680, 8.3968, -33.2979
Hunter-Lab	34.4203, -13.4674, -2.5140




Details

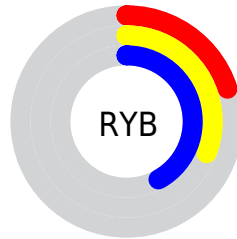
The HunterLab color $[34.4203, -13.4674, -2.5140]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[23.9987, 15.7919, 7.3259]$, and the grayscale version is $[31.5743, -1.6847, 1.7155]$.




A 20% lighter version of the original color is $[53.8851, -16.6059, -2.1848]$, and $[18.2808, -9.5093, -2.3216]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.0062, -14.7651, -3.0783]$, and if you desaturate by 10%, it is $[34.9210, -11.8634, -1.8410]$.

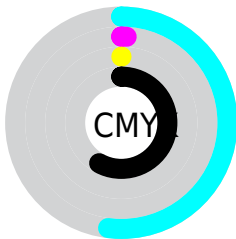
Distribution







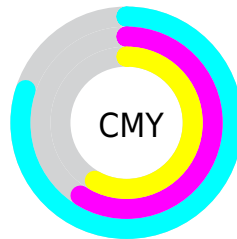
-  Red (20%)
-  Green (41%)
-  Blue (42%)






-  Red (20%)
-  Yellow (31%)
-  Blue (42%)



-  Cyan (52%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (59%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4203, -13.4674, -2.5140 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 34.4203, -13.4674, -2.5140 by changing the saturation by 10% instead.

■ 34.4203, -13.4674,
-2.5140

■ 34.4203, -13.4674,
-2.5140

■ 142.6172,
-27.1436, 0.9751

■ 25.7687, -11.7724,
-2.6325

■ 54.0537, -16.6623,
-2.0771

■ 17.9949, -9.9642,
-2.6718

■ 64.9223, -18.2010,
-1.7740

■ 11.2130, -8.0504,
-2.6163

■ 76.4351, -19.7161,
-1.4211

■ 3.2830, -5.7452,
-7.4986

■ 88.5580, -21.2153,
-1.0223

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.2616,
-22.7039, -0.5808

0.0000, NaN, NaN

■ 114.5204,

0.0000, NaN, NaN

-24.1861, -0.0992

0.0000, NaN, NaN

128.3123,
-25.6652, 0.4201

■ 34.4203, -13.4674,
-2.5140

■ 34.4203, -13.4674,
-2.5140

■ 34.0062, -14.7651,
-3.0783

■ 34.9210, -11.8634,
-1.8410

■ 33.6734, -15.7583,
-3.5358

■ 35.5082, -9.9576,
-1.0630

■ 33.4176, -16.4582,
-3.8893

■ 36.1832, -7.7614,
-0.1838

■ 33.2317, -16.8878,
-4.1467

■ 36.9459, -5.2910,
0.7907

■ 33.1006, -17.1603,
-4.3287

■ 37.7950, -2.5661,
1.8532

■ 38.7286, 0.3915,
2.9960

■ 39.7444, 3.5587,
4.2108

■ 40.8394, 6.9124,
5.4897

■ 42.0104, 10.4302,
6.8247

Harmonies

Analogous

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



34.4210, -13.8926, 4.1620



34.4203, -13.4674, -2.5140



34.4210, -10.0740, -9.0692

Triad

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



34.4210, -13.4676, -2.5135



34.4210, 8.7505, -7.4198



34.4210, 0.6904, 12.0842

Complementary

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



34.4203, -13.4674, -2.5140



23.9987, 15.7919, 7.3259

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.



34.4210, 7.2525, 10.0980



34.4203, -13.4674, -2.5140



34.4210, 12.1432, -0.5835

Square

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



34.4210, -13.4676, -2.5135



34.4210, 2.6076, -12.2641



34.4210, 11.5744, 5.7499



34.4210, -6.0697, 11.7695

Rectangle

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



34.4203, -13.4674, -2.5140



34.4210, -6.4246, -12.0846



34.4210, 11.5744, 5.7499



34.4210, 3.0012, 11.6819

Sweetspot

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



34.4210, -13.4676, -2.5135



48.4699, -8.5444, 0.4441



33.5549, -20.7522, 14.5894



23.3894, -4.3615, 0.1257



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.4210, -13.4676, -2.5135



44.9616, -19.8309, -4.1994



26.7105, -2.2232, -13.8480



18.6626, -2.2700, 0.5477



36.8668, -19.1077, -4.8321



83.1319, -43.0270, -11.0247

Inverse Universe

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



25.4009, 23.5573, -15.1321



31.0560, 38.3555, -24.7669



29.9262, 3.5051, 12.2961



17.7848, 1.1474, -0.4325



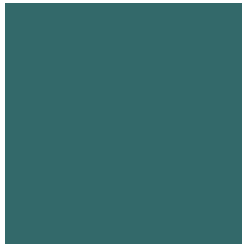
22.4598, 43.9916, -28.3424



50.6842, 99.2520, -63.7893

Previews

White Background



This preview shows how the HunterLab color 34.4203, -13.4674, -2.5140 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 × Fail

Black Background



This preview shows how the HunterLab color 34.4203, -13.4674, -2.5140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

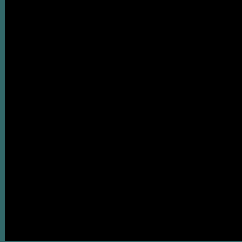
Any Text WCAG AA × Fail

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 34.4203, -13.4674, -2.5140 Background



This preview shows how black text looks on a background with the HunterLab color 34.4203, -13.4674, -2.5140.



This preview shows how white text looks on a background with the HunterLab color 34.4203,

-13.4674, -2.5140.

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

34.4203, -13.4674, -2.5140

Protanopia

34.3907, -0.9469, 0.3891

Deuteranopia

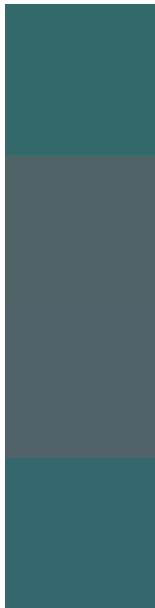
34.3474, 2.0730, -3.2890



Tritanopia

34.3909, -11.6902, -5.4407

Trichromacy



Original Color

34.4203, -13.4674, -2.5140

Protanomaly

34.0418, -6.2548, -1.0267

Deuteranomaly

34.0452, -4.5209, -3.3249

Tritanomaly

34.2877, -12.2080, -4.5945

Monochromacy



Original Color

34.4203, -13.4674, -2.5140

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.4137, -6.8345, 0.0502

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4203, -13.4674, -2.5140 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(51, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 105, 106)  
}
```

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(51, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 105, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4203, -13.4674, -2.5140 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(51, 105, 106) }
```


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

```
.border{ border-color:rgb(51, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 105,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4203, -13.4674, -2.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 105, 106) }
```

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

```
.background{ background-color: rgb(51, 105,  
106) }
```

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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