

Converting Colors

HunterLab(31.2761, -6.9231,
-13.3404)

Have a look what the booklet for
HunterLab(31.2761, -6.9231,
-13.3404) contains.

HunterLab(31.2106, -6.8252, -13.4471)	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(31.2106, -6.8252,
-13.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5D76
RGB	47, 93, 118
RGB Percent	18%, 36%, 46%
CMY	0.8157, 0.6353, 0.5373
CMYK	0.60, 0.21, 0.00, 0.54
HSL	201°, 43%, 32%
HSV	201°, 60%, 46%
XYZ	8.3566, 9.7410, 18.5792
YIQ	82.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

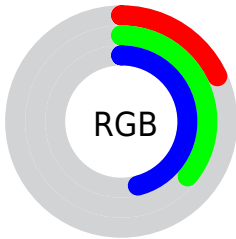
Format	Color
RYB	47, 75, 118
Decimal	3104118
CIELab	37.37, -7.73, -18.91
CIElCh	37, 20.425, 247.771
Yxy	9.7414, 0.2278, 0.2656
Android (android.graphics.Color)	4281294198 (0xFF2F5D76)
YUV	82.0960, 17.7007, -30.7792
Hunter-Lab	31.2106, -6.8252, -13.4471




Details

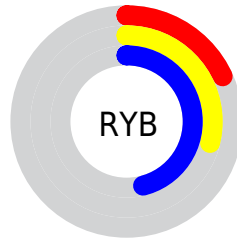
The HunterLab color **31.2106, -6.8252, -13.4471** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.4821, 10.7799, 12.9463**, and the grayscale version is **29.0301, -1.5490, 1.5773**.




A 20% lighter version of the original color is **50.1995, -8.8255, -14.1389**, and **15.7329, -3.4569, -12.2023** is the 20% darker color. If you saturate the color by 10%, you get **29.6448, -6.5397, -16.1271**, and if you desaturate by 10%, it is **32.8788, -6.7698, -10.7666**.

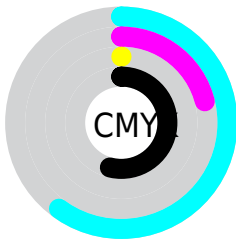
Distribution







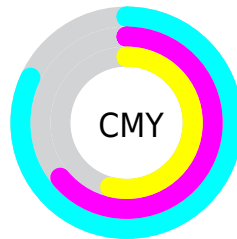
-  Red (18%)
-  Green (36%)
-  Blue (46%)






-  Red (18%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (60%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2106, -6.8252, -13.4471 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 31.2106, -6.8252, -13.4471 by changing the saturation by 10% instead.

■ 31.2106, -6.8252,
-13.4471

■ 31.2106, -6.8252,
-13.4471

■ 137.4104,
-15.9748, -14.4714

■ 22.8644, -5.8348,
-13.0198

■ 50.3070, -8.7910,
-14.1075

■ 15.4322, -4.8206,
-12.5606

■ 60.9341, -9.7805,
-14.3360

■ 9.0353, -4.2090,
-12.2120

■ 72.2193, -10.7796,
-14.4998

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.1262, -11.7904,
-14.6025

0.0000, NaN, NaN

■ 96.6239, -12.8145,
-14.6478

0.0000, NaN, NaN

■ 109.6856,

0.0000, NaN, NaN

-13.8528, -14.6390

0.0000, NaN, NaN

123.2880,
-14.9061, -14.5793

■ 31.2106, -6.8252,
-13.4471

■ 31.2106, -6.8252,
-13.4471

■ 29.6448, -6.5397,
-16.1271

■ 32.8788, -6.7698,
-10.7666

■ 28.1842, -5.8949,
-18.7923

■ 34.6419, -6.3983,
-8.1006

■ 26.8319, -4.8836,
-21.4249

■ 36.4944, -5.7380,
-5.4585

■ 25.5719, -3.6671,
-24.0463

■ 38.4302, -4.8166,
-2.8469

■ 40.4433, -3.6609,
-0.2699

■ 42.5282, -2.2955,
2.2706

■ 44.6798, -0.7429,
4.7741

■ 46.8931, 0.9767,
7.2417

■ 49.1641, 2.8456,
9.6747

Harmonies

Analogous

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



31.2112, -12.0512, -7.6864



31.2106, -6.8252, -13.4471



31.2112, 0.2630, -14.7316

Triad

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



31.2112, -6.8252, -13.4465



31.2112, 13.5721, 3.4591



31.2112, -9.8443, 10.5521

Complementary

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



31.2106, -6.8252, -13.4471



29.4821, 10.7799, 12.9463

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.



31.2112, -3.5513, 12.2829



31.2106, -6.8252, -13.4471



31.2112, 10.2818, 8.8499

Square

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



31.2112, -6.8252, -13.4465



31.2112, 12.4905, -3.8146



31.2112, 3.8495, 11.7412



31.2112, -13.6788, 6.3601

Rectangle

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



31.2106, -6.8252, -13.4471



31.2112, 5.1800, -12.6558



31.2112, 3.8495, 11.7412



31.2112, -7.9703, 11.3911

Sweetspot

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



31.2112, -6.8252, -13.4465



51.4106, -6.1447, -3.1845



37.4531, -23.5270, 13.0009



24.3550, -3.1043, -1.9148



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.2112, -6.8252, -13.4465



38.5906, -8.4176, -22.6701



22.1443, 9.1133, -32.0857



19.8711, -1.7175, 0.0102



26.5529, -3.7436, -25.1075



57.1870, -5.9892, -58.5497

Inverse Universe

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



25.8365, 27.0786, -7.3713



31.1579, 43.1180, -10.4589



38.2695, -5.0356, 19.3262



19.3315, 1.0220, 0.2237



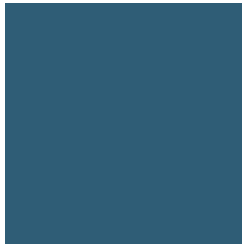
21.7618, 39.8819, -6.2027



47.8653, 87.4135, -11.2625

Previews

White Background



This preview shows how the HunterLab color 31.2106, -6.8252, -13.4471 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 31.2106, -6.8252, -13.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

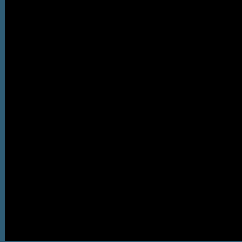
Any Text WCAG AA × Fail

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 31.2106, -6.8252, -13.4471 Background



This preview shows how black text looks on a background with the HunterLab color 31.2106, -6.8252, -13.4471.

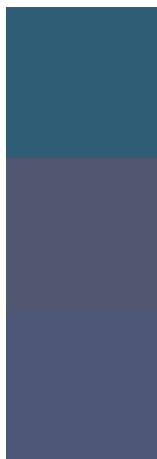


This preview shows how white text looks on a background with the HunterLab color 31.2106, -6.8252, -13.4471.

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

31.2106, -6.8252, -13.4471

Protanopia

31.2378, 1.2316, -10.3823

Deuteranopia

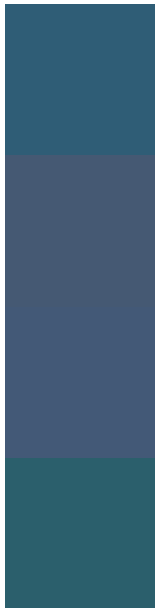
30.9955, 2.1920, -14.2471



Tritanopia

31.2988, -11.9647, -5.2312

Trichromacy



Original Color

31.2106, -6.8252, -13.4471

Protanomaly

31.0609, -1.9393, -11.8550

Deuteranomaly

31.0966, -1.5123, -14.1411

Tritanomaly

31.2741, -10.2377, -7.8049

Monochromacy



Original Color

31.2106, -6.8252, -13.4471

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5753, -4.3932, -3.5567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2106, -6.8252, -13.4471 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(47, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(47, 93, 118)  
}
```

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(47, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 93, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2106, -6.8252, -13.4471 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(47, 93, 118) }
```


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

```
.border{ border-color:rgb(47, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(47, 93,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2106, -6.8252, -13.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 93, 118) }
```

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

```
.background{ background-color: rgb(47, 93,  
118) }
```

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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