

Converting Colors

HunterLab(31.3123, 2.2707,
-26.8852)

Have a look what the booklet for
HunterLab(31.3123, 2.2707,
-26.8852) contains.

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Color

**HunterLab(31.3116, 2.2886,
-26.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	3C588B
RGB	60, 88, 139
RGB Percent	24%, 35%, 55%
CMY	0.7647, 0.6549, 0.4549
CMYK	0.57, 0.37, 0.00, 0.45
HSL	219°, 40%, 39%
HSV	219°, 57%, 55%
XYZ	10.0134, 9.8042, 25.7907
YIQ	85.4420, -33.0590, 9.9250

Conversions

Conversions Part 2

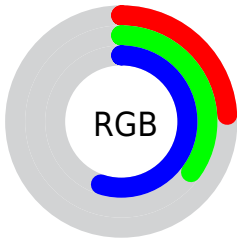
Format	Color
R _Y B	60, 81, 139
Decimal	3954827
CIE Lab	37.49, 5.59, -31.52
CIE LCh	37, 32.016, 280.062
Yxy	9.8045, 0.2196, 0.2150
Android (android.graphics.Color)	4282144907 (0xFF3C588B)
YUV	85.4420, 26.4041, -22.3126
Hunter-Lab	31.3116, 2.2886, -26.9178

Details

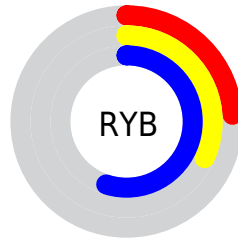
The HunterLab color **31.3116, 2.2886, -26.9178** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41.4546, 1.2924, 19.4518**, and the grayscale version is **30.2173, -1.6123, 1.6418**.

A 20% lighter version of the original color is **50.5351, 1.7201, -28.0231**, and **15.6494, 3.0346, -26.1111** is the 20% darker color. If you saturate the color by 10%, you get **28.3607, 4.4311, -33.5116**, and if you desaturate by 10%, it is **34.4396, 0.6268, -20.8189**.

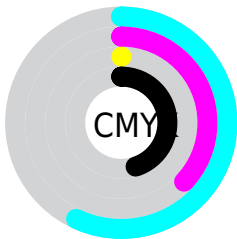
Distribution



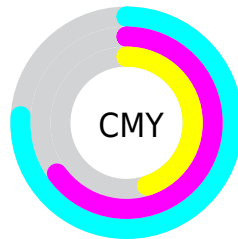
- Red (24%)
- Green (35%)
- Blue (55%)



- Red (24%)
- Yellow (32%)
- Blue (55%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3116, 2.2886, -26.9178 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 31.3116, 2.2886, -26.9178 by changing the saturation by 10% instead.

■ 31.3116, 2.2886,
-26.9178

■ 31.3116, 2.2886,
-26.9178

■ 137.5758, -0.9576,
-30.9718

■ 22.9555, 2.3655,
-26.4005

■ 50.4253, 1.9195,
-28.0983

■ 15.5121, 2.3511,
-26.1417

■ 61.0603, 1.6449,
-28.6589

■ 9.1055, 2.2443,
-26.7351

■ 72.3528, 1.3187,
-29.1748

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.2667, 0.9453,
-29.6398

0.0000, NaN, NaN

■ 96.7710, 0.5282,
-30.0517

0.0000, NaN, NaN

109.8390, 0.0704,

0.0000, NaN, NaN

-30.4104

0.0000, NaN, NaN

123.4475, -0.4256,
-30.7166

■ 31.3116, 2.2886,
-26.9178

■ 31.3116, 2.2886,
-26.9178

■ 28.3607, 4.4311,
-33.5116

■ 34.4396, 0.6268,
-20.8189

■ 25.6154, 7.1283,
-40.6287

■ 37.7183, -0.6286,
-15.1652

■ 23.1121, 10.4378,
-48.2371

■ 41.1283, -1.5433,
-9.8966

■ 20.8758, 14.3269,
-56.2593

■ 44.6534, -2.1727,
-4.9556

■ 20.2060, 15.6081,
-58.9493

■ 48.2806, -2.5628,
-0.2908

■ 51.9993, -2.7509,
4.1425

■ 55.8007, -2.7677,
8.3820

■ 59.6775, -2.6378,
12.4591

■ 63.6236, -2.3815,
16.4004

Harmonies

Analogous

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



31.3121, -8.8673, -25.2476



31.3116, 2.2886, -26.9178



31.3121, 13.8824, -19.0682

Triad

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



31.3121, 2.2888, -26.9170



31.3121, 17.1293, 12.4521



31.3121, -19.8792, 8.0670

Complementary

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



31.3116, 2.2886, -26.9178



41.4546, 1.2924, 19.4518

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.



31.3121, -14.6811, 13.9150



31.3116, 2.2886, -26.9178



31.3121, 6.2372, 15.7390

Square

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



31.3121, 2.2888, -26.9170



31.3121, 23.2332, 5.1640



31.3121, -5.4460, 16.1549



31.3121, -20.6193, -2.2014

Rectangle

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



31.3116, 2.2886, -26.9178



31.3121, 19.9058, -10.7275



31.3121, -5.4460, 16.1549



31.3121, -18.6351, 10.4957

Sweetspot

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



31.3121, 2.2888, -26.9170



59.4985, -2.8709, -6.9773



45.3351, -24.5570, 8.1996



28.1647, -1.3184, -3.8865



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



31.3121, 2.2888, -26.9170



36.9515, 6.8090, -47.2985



25.3344, 17.9559, -41.2394



22.7233, -1.1937, -0.6458



19.2745, 14.6337, -55.6813



2.2453, -0.1483, -2.4863

Inverse Universe

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



30.7013, 27.8157, 1.5748



37.1487, 45.2869, 3.7994



48.3913, -14.5225, 24.3259



22.5299, 0.9894, 0.9759



22.7140, 39.8017, 7.6745



1.9202, 3.4947, -0.3583

Previews

White Background



This preview shows how the HunterLab color 31.3116, 2.2886, -26.9178 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 31.3116, 2.2886, -26.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

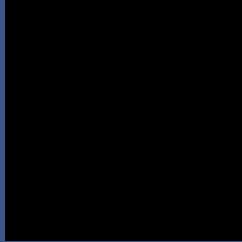
Any Text WCAG AA × Fail

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 31.3116, 2.2886, -26.9178 Background



This preview shows how black text looks on a background with the HunterLab color 31.3116, 2.2886, -26.9178.



This preview shows how white text looks on a background with the HunterLab color 31.3116, 2.2886, -26.9178.

-26.9178.

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

31.3116, 2.2886, -26.9178

Protanopia

31.1880, 4.3565, -25.6978

Deuteranopia

31.3116, 2.2886, -26.9178



Tritanopia

31.2162, -10.7865, -5.3257

Trichromacy



Original Color

31.3116, 2.2886, -26.9178

Protanomaly

31.3203, 3.5627, -26.1554

Deuteranomaly

31.3116, 2.2886, -26.9178

Tritanomaly

31.0146, -6.2484, -12.5850

Monochromacy



Original Color

31.3116, 2.2886, -26.9178

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.3513, -1.0191, -7.4227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3116, 2.2886, -26.9178 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(60, 88, 139)` looks like.

```
.text, #text, p{  
    color:rgb(60, 88, 139)  
}
```

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(60, 88, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 88, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3116, 2.2886, -26.9178 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(60, 88, 139) }
```


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

```
.border{ border-color:rgb(60, 88, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 88, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 88, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 88, 139);  
box-shadow:4px 4px 4px 4px rgb(60, 88,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3116, 2.2886, -26.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 88, 139) }
```

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

```
.background{ background-color: rgb(60, 88,  
139) }
```

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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