

Converting Colors

HunterLab(37.1997, -2.2986,
-20.6518)

Have a look what the booklet for
HunterLab(37.1997, -2.2986,
-20.6518) contains.

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Color

**HunterLab(37.0960, -2.2926,
-20.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	486A92
RGB	72, 106, 146
RGB Percent	28%, 42%, 57%
CMY	0.7176, 0.5843, 0.4274
CMYK	0.51, 0.27, 0.00, 0.43
HSL	212°, 34%, 43%
HSV	212°, 51%, 57%
XYZ	13.0149, 13.7611, 29.1644
YIQ	100.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

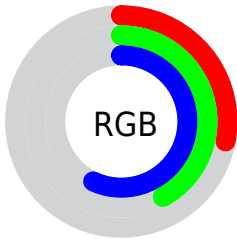
Format	Color
R _Y B	72, 95, 146
Decimal	4745874
CIE Lab	43.89, -0.43, -25.67
CIE LCh	44, 25.669, 269.049
Yxy	13.7616, 0.2327, 0.2460
Android (android.graphics.Color)	4282935954 (0xFF486A92)
YUV	100.3940, 22.4838, -24.9015
Hunter-Lab	37.0960, -2.2926, -20.6458

Details

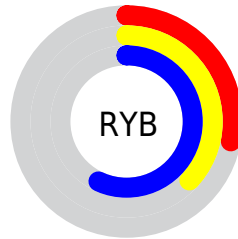
The HunterLab color $[37.0960, -2.2926, -20.6458]$ is a dark color, and the websafe version is hex $\#336699$. A complement of this color would be $[42.6238, 4.2163, 17.8094]$, and the grayscale version is $[35.7744, -1.9088, 1.9437]$.

A 20% lighter version of the original color is $[57.1350, -3.3248, -21.5565]$, and $[20.1388, -1.3265, -19.4877]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.2243, -1.0775, -26.0415]$, and if you desaturate by 10%, it is $[40.1164, -3.0720, -15.5263]$.

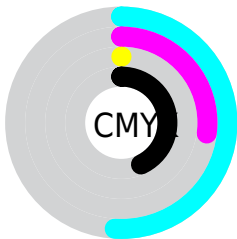
Distribution



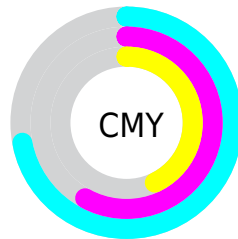
- Red (28%)
- Green (42%)
- Blue (57%)



- Red (28%)
- Yellow (37%)
- Blue (57%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0960, -2.2926, -20.6458 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 37.0960, -2.2926, -20.6458 by changing the saturation by 10% instead.

■ 37.0960, -2.2926,
-20.6458

■ 37.0960, -2.2926,
-20.6458

■ 146.8819, -8.3380,
-23.1548

■ 28.2047, -1.7904,
-20.1106

■ 57.1537, -3.4123,
-21.5960

■ 20.1648, -1.3308,
-19.5918

■ 68.2140, -4.0249,
-21.9880

■ 13.0793, -0.9181,
-19.2299

■ 79.9080, -4.6702,
-22.3209

■ 6.5616, -0.6335,
-21.9139

■ 92.2030, -5.3466,
-22.5957

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.0710, -6.0527,
-22.8142

0.0000, NaN, NaN

118.4874, -6.7873,

0.0000, NaN, NaN

-22.9786

0.0000, NaN, NaN

132.4308, -7.5494,
-23.0914

■ 37.0960, -2.2926,
-20.6458

■ 37.0960, -2.2926,
-20.6458

■ 34.2243, -1.0775,
-26.0415

■ 40.1164, -3.0720,
-15.5263

■ 31.5179, 0.6339,
-31.7245

■ 43.2670, -3.4737,
-10.6652

■ 28.9981, 2.8974,
-37.6829

■ 46.5345, -3.5497,
-6.0364

■ 26.6856, 5.7499,
-43.8762

■ 49.9069, -3.3454,
-1.6135

■ 24.6966, 8.8227,
-49.9142

■ 53.3739, -2.8991,
2.6292

■ 56.9269, -2.2435,
6.7155

■ 60.5585, -1.4056,
10.6664

■ 64.2623, -0.4083,
14.5007

■ 68.0330, 0.7294,
18.2347

Harmonies

Analogous

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



37.0967, -11.1522, -16.7953



37.0960, -2.2926, -20.6458



37.0967, 7.5821, -17.2333

Triad

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



37.0967, -2.2926, -20.6450



37.0967, 15.9001, 9.6867



37.0967, -16.7489, 10.0806

Complementary

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



37.0960, -2.2926, -20.6458



42.6238, 4.2163, 17.8094

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.



37.0967, -10.6646, 14.4855



37.0960, -2.2926, -20.6458



37.0967, 8.1772, 14.3028

Square

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



37.0967, -2.2926, -20.6450



37.0967, 18.7195, 1.7215



37.0967, -1.6691, 15.8061



37.0967, -18.9493, 2.3146

Rectangle

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



37.0960, -2.2926, -20.6458



37.0967, 13.2904, -11.6976



37.0967, -1.6691, 15.8061



37.0967, -15.1233, 11.9215

Sweetspot

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



37.0967, -2.2926, -20.6450



64.1998, -4.6115, -4.8258



48.0561, -25.2364, 10.4482



29.8853, -2.1975, -2.7960



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.0967, -2.2926, -20.6450



44.8836, -1.1237, -35.7343



28.6096, 14.6103, -38.4722



24.5881, -1.6067, -0.4777



23.2614, 8.0822, -46.5218



3.5226, -0.7553, -2.7726

Inverse Universe

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



34.3320, 27.1276, -1.9189



41.4037, 44.5090, -2.2065



51.8781, -12.0992, 24.7477



24.2014, 1.2005, 0.7576



23.9574, 42.5383, 3.7722



2.7585, 5.0962, -1.1036

Previews

White Background



This preview shows how the HunterLab color 37.0960, -2.2926, -20.6458 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 37.0960, -2.2926, -20.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

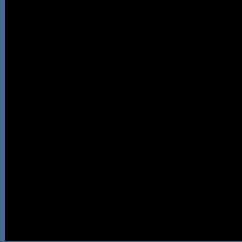
Any Text WCAG AA × Fail

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 37.0960, -2.2926, -20.6458 Background



This preview shows how black text looks on a background with the HunterLab color 37.0960, -2.2926, -20.6458.

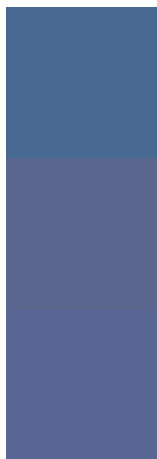


This preview shows how white text looks on a background with the HunterLab color 37.0960, -2.2926, -20.6458.

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

37.0960, -2.2926, -20.6458

Protanopia

37.0271, 2.8079, -18.7462

Deuteranopia

36.9264, 2.8042, -21.5184



Tritanopia

37.1237, -11.4772, -5.7047

Trichromacy



Original Color

37.0960, -2.2926, -20.6458

Protanomaly

36.8767, 1.0076, -19.6815

Deuteranomaly

36.8794, 1.2688, -21.6306

Tritanomaly

36.9872, -8.3703, -10.6475

Monochromacy



Original Color

37.0960, -2.2926, -20.6458

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.0010, -2.6175, -5.5788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0960, -2.2926, -20.6458 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(72, 106, 146)` looks like.

```
.text, #text, p{  
    color:rgb(72, 106, 146)  
}
```

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(72, 106, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 106, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0960, -2.2926, -20.6458 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(72, 106, 146) }
```


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

```
.border{ border-color:rgb(72, 106, 146) }
```

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

Here you see how a box with a 4 pixel rgb(72, 106, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 106, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 106, 146);  
box-shadow:4px 4px 4px 4px rgb(72, 106,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0960, -2.2926, -20.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 106, 146) }
```

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

```
.background{ background-color: rgb(72, 106,  
146) }
```

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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