

Converting Colors

HunterLab(37.0440, -2.5522,
-27.4228)

Have a look what the booklet for
HunterLab(37.0440, -2.5522,
-27.4228) contains.

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Color

HunterLab(37.1688, -2.5980,
-27.3138)

Conversions

Conversions Part 1

Format	Color
Hex	3A6B9C
RGB	58, 107, 156
RGB Percent	23%, 42%, 61%
CMY	0.7725, 0.5804, 0.3882
CMYK	0.63, 0.31, 0.00, 0.39
HSL	210°, 46%, 42%
HSV	210°, 63%, 61%
XYZ	13.0033, 13.8152, 33.4337
YIQ	97.9350, -44.9330, 4.8510

Conversions

Conversions Part 2

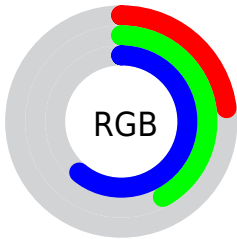
Format	Color
R_{YB}	58, 91, 156
Decimal	3828636
CIE _{Lab}	43.97, -0.84, -31.54
CIE _{LCh}	44, 31.548, 268.475
Yxy	13.8157, 0.2158, 0.2293
Android (android.graphics.Color)	4282018716 (0xFF3A6B9C)
YUV	97.9350, 28.6260, -35.0230
Hunter-Lab	37.1688, -2.5980, -27.3138

Details

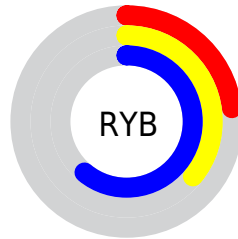
The HunterLab color $37.1688, -2.5980, -27.3138$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.2963, 9.2566, 20.6126$, and the grayscale version is $34.8332, -1.8586, 1.8926$.

A 20% lighter version of the original color is $57.2139, -3.6448, -28.6732$, and $20.5699, -0.2923, -25.0796$ is the 20% darker color. If you saturate the color by 10%, you get $34.4427, -0.9181, -32.9358$, and if you desaturate by 10%, it is $40.0709, -3.7388, -21.9122$.

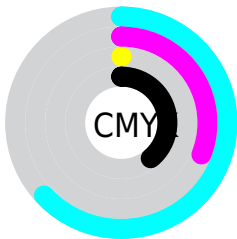
Distribution



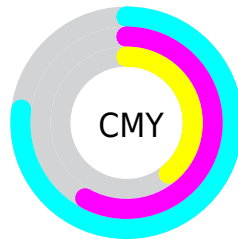
- Red (23%)
- Green (42%)
- Blue (61%)



- Red (23%)
- Yellow (36%)
- Blue (61%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (77%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1688, -2.5980, -27.3138 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 37.1688, -2.5980, -27.3138 by changing the saturation by 10% instead.

■ 37.1688, -2.5980,
-27.3138

■ 37.1688, -2.5980,
-27.3138

■ 146.9970, -8.8218,
-31.1297

■ 28.2711, -2.0687,
-26.7371

■ 57.2378, -3.7650,
-28.4827

■ 20.2242, -1.5794,
-26.2806

■ 68.3032, -4.3992,
-29.0156

■ 13.1307, -1.1329,
-26.2095

■ 80.0020, -5.0649,
-29.4993

■ 6.6274, -0.9060,
-30.3094

■ 92.3016, -5.7606,
-29.9303

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.1739, -6.4852,
-30.3080

0.0000, NaN, NaN

118.5946, -7.2376,

0.0000, NaN, NaN

-30.6329

0.0000, NaN, NaN

132.5420, -8.0167,
-30.9063

■ 37.1688, -2.5980,
-27.3138

■ 37.1688, -2.5980,
-27.3138

■ 34.4427, -0.9181,
-32.9358

■ 40.0709, -3.7388,
-21.9122

■ 31.9086, 1.3491,
-38.7575

■ 43.1296, -4.3991,
-16.7386

■ 29.5833, 4.2288,
-44.7337

■ 46.3295, -4.6370,
-11.7847

■ 28.0158, 6.5634,
-49.1857

■ 49.6563, -4.5065,
-7.0357

■ 53.0976, -4.0559,
-2.4734

■ 56.6426, -3.3270,
1.9219

■ 60.2820, -2.3559,
6.1691

■ 64.0078, -1.1729,
10.2863

■ 67.8130, 0.1963,
14.2898

Harmonies

Analogous

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



37.1694, -13.3045, -21.9925



37.1688, -2.5980, -27.3138



37.1694, 9.6768, -22.9267

Triad

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



37.1694, -2.5978, -27.3130



37.1694, 20.5674, 11.0461



37.1694, -19.6911, 11.7733

Complementary

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



37.1688, -2.5980, -27.3138



42.2963, 9.2566, 20.6126

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.



37.1694, -12.3660, 16.6156



37.1688, -2.5980, -27.3138



37.1694, 10.8750, 16.2990

Square

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



37.1694, -2.5978, -27.3130



37.1694, 24.0279, 1.4339



37.1694, -1.3688, 17.9642



37.1694, -22.3659, 2.6031

Rectangle

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



37.1688, -2.5980, -27.3138



37.1694, 16.9296, -15.6829



37.1694, -1.3688, 17.9642



37.1694, -17.7408, 13.8381

Sweetspot

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



37.1694, -2.5978, -27.3130



68.5008, -5.9100, -7.3389



50.7330, -31.4757, 14.4535



31.5592, -2.8336, -4.2188



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



37.1694, -2.5978, -27.3130



45.1344, -0.2116, -47.2357



25.1528, 21.6926, -58.2615



26.3737, -1.8568, -0.4320



25.5624, 5.6922, -44.2386



4.4879, -1.0363, -3.3724

Inverse Universe

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



33.4008, 37.0898, -3.4615



40.9272, 58.9970, -3.0824



55.8128, -13.3589, 29.9046



25.8818, 1.3592, 0.6830



25.0636, 44.7578, 1.9670



3.4765, 6.4358, -1.4915

Previews

White Background



This preview shows how the HunterLab color 37.1688, -2.5980, -27.3138 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 37.1688, -2.5980, -27.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

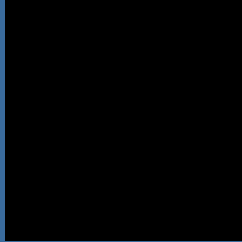
Any Text WCAG AA × Fail

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 37.1688, -2.5980, -27.3138 Background



This preview shows how black text looks on a background with the HunterLab color 37.1688, -2.5980, -27.3138.

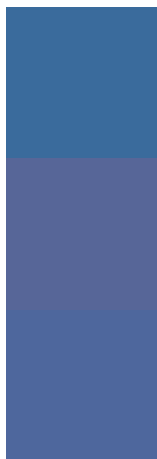


This preview shows how white text looks on a background with the HunterLab color 37.1688, -2.5980,

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

37.1688, -2.5980, -27.3138

Protanopia

37.1429, 3.9594, -24.4617

Deuteranopia

37.0871, 2.8547, -28.0920



Tritanopia

37.0294, -14.6936, -7.4439

Trichromacy



Original Color

37.1688, -2.5980, -27.3138

Protanomaly

37.0635, 1.0253, -25.3534

Deuteranomaly

36.9791, 1.1017, -28.3381

Tritanomaly

37.0439, -10.7142, -14.0482

Monochromacy



Original Color

37.1688, -2.5980, -27.3138

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.3246, -3.4506, -7.5869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1688, -2.5980, -27.3138 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(58, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(58, 107, 156)  
}
```

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(58, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 107, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1688, -2.5980, -27.3138 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(58, 107, 156) }
```


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

```
.border{ border-color:rgb(58, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(58, 107,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1688, -2.5980, -27.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 107, 156) }
```

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

```
.background{ background-color: rgb(58, 107,  
156) }
```

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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