

Converting Colors

HunterLab(37.4330, 5.8874,
-31.8624)

Have a look what the booklet for
HunterLab(37.4330, 5.8874,
-31.8624) contains.

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Color

**HunterLab(37.3980, 5.8119,
-31.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	5366A3
RGB	83, 102, 163
RGB Percent	33%, 40%, 64%
CMY	0.6745, 0.6000, 0.3608
CMYK	0.49, 0.37, 0.00, 0.36
HSL	226°, 33%, 48%
HSV	226°, 49%, 64%
XYZ	14.9295, 13.9861, 36.5631
YIQ	103.2730, -30.9050, 14.9430

Conversions

Conversions Part 2

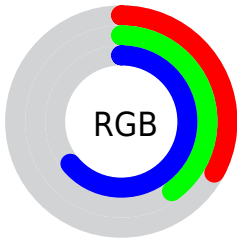
Format	Color
R_{YB}	83, 98, 163
Decimal	5465763
CIE _{Lab}	44.21, 10.24, -35.20
CIE _{LCh}	44, 36.656, 286.220
Yxy	13.9866, 0.2280, 0.2136
Android (android.graphics.Color)	4283655843 (0xFF5366A3)
YUV	103.2730, 29.4454, -17.7794
Hunter-Lab	37.3980, 5.8119, -31.7877

Details

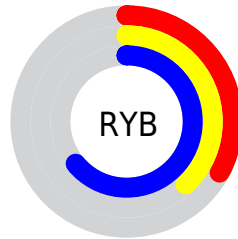
The HunterLab color $37.3980, 5.8119, -31.7877$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53.2528, -3.8982, 23.6336$, and the grayscale version is $36.8330, -1.9653, 2.0012$.

A 20% lighter version of the original color is $57.5871, 5.7347, -32.7057$, and $20.5160, 5.2976, -30.7270$ is the 20% darker color. If you saturate the color by 10%, you get $33.2681, 8.9871, -41.0970$, and if you desaturate by 10%, it is $41.7686, 3.2123, -23.3922$.

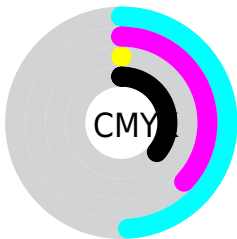
Distribution



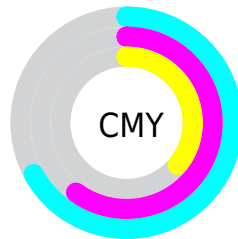
- Red (33%)
- Green (40%)
- Blue (64%)



- Red (33%)
- Yellow (38%)
- Blue (64%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3980, 5.8119, -31.7877 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 37.3980, 5.8119, -31.7877 by changing the saturation by 10% instead.

■ 37.3980, 5.8119,
-31.7877

■ 37.3980, 5.8119,
-31.7877

■ 147.3592, 4.1786,
-36.2741

■ 28.4804, 5.6659,
-31.2266

■ 57.5024, 5.8552,
-33.0376

■ 20.4115, 5.4162,
-30.8681

■ 68.5838, 5.7726,
-33.6388

■ 13.2929, 5.0385,
-31.0712

■ 80.2978, 5.6303,
-34.2002

■ 6.8300, 6.1676,
-35.8289

■ 92.6118, 5.4336,
-34.7149

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.4979, 5.1867,
-35.1801

0.0000, NaN, NaN

118.9318, 4.8933,

0.0000, NaN, NaN

-35.5947

0.0000, NaN, NaN

132.8920, 4.5564,
-35.9591

■ 37.3980, 5.8119,
-31.7877

■ 37.3980, 5.8119,
-31.7877

■ 33.2681, 8.9871,
-41.0970

■ 41.7686, 3.2123,
-23.3922

■ 29.4290, 12.8552,
-51.4510

■ 46.3388, 1.0798,
-15.7625

■ 25.9501, 17.5123,
-62.8717

■ 51.0795, -0.6760,
-8.7572

■ 22.9186, 22.9593,
-75.1164

■ 55.9682, -2.1273,
-2.2571

■ 20.4009, 28.9028,
-87.6262

■ 60.9871, -3.3311,
3.8352

■ 20.1901, 29.4444,
-88.7979

■ 66.1223, -4.3318,
9.5982

■ 71.3626, -5.1646,
15.0942

■ 76.6988, -5.8571,
20.3732

■ 82.1234, -6.4313,
25.4750

Harmonies

Analogous

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



37.3987, -8.1882, -32.2935



37.3980, 5.8119, -31.7877



37.3987, 19.4594, -20.3337

Triad

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



37.3987, 5.8120, -31.7868



37.3987, 18.4804, 16.1931



37.3987, -24.6900, 7.6294

Complementary

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



37.3980, 5.8119, -31.7877



53.2528, -3.8982, 23.6336

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.



37.3987, -19.4958, 15.7595



37.3980, 5.8119, -31.7877



37.3987, 4.6241, 19.3298

Square

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



37.3987, 5.8120, -31.7868



37.3987, 27.4756, 8.4978



37.3987, -9.2145, 19.2074



37.3987, -24.4691, -5.8354

Rectangle

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



37.3980, 5.8119, -31.7877



37.3987, 25.9207, -9.8144



37.3987, -9.2145, 19.2074



37.3987, -23.5565, 10.9494

Sweetspot

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



37.3987, 5.8120, -31.7868



70.8208, -1.6861, -8.3424



54.7878, -25.4304, 5.1921



32.9446, -0.6068, -4.7935



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



37.3987, 5.8120, -31.7868



43.9794, 12.5084, -56.3410



34.2275, 19.8843, -38.5840



26.6841, -1.0040, -1.1350



17.9695, 25.4207, -77.3363



3.6770, 1.0396, -6.8401

Inverse Universe

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



38.6433, 27.5120, 5.0062



46.9003, 45.8739, 8.6481



57.1480, -18.8403, 26.3934



26.6688, 1.1159, 1.5026



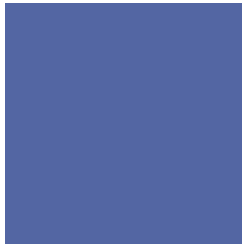
24.8397, 43.0158, 12.3527



3.6939, 6.5774, 0.4374

Previews

White Background



This preview shows how the HunterLab color 37.3980, 5.8119, -31.7877 looks on a white background.

Color Contrast Check

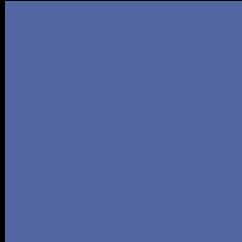
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3980, 5.8119, -31.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

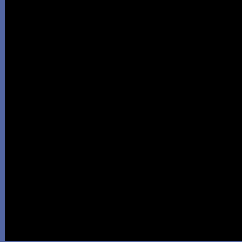
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

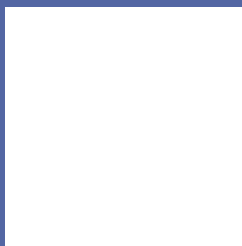
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.3980, 5.8119, -31.7877 Background



This preview shows how black text looks on a background with the HunterLab color 37.3980, 5.8119, -31.7877.

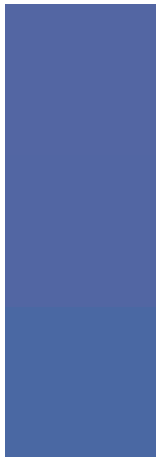


This preview shows how white text looks on a background with the HunterLab color 37.3980, 5.8119, -31.7877.

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

37.3980, 5.8119, -31.7877

Protanopia

37.3375, 5.6141, -31.9173

Deuteranopia

37.4177, 3.1434, -31.7934



Tritanopia

37.4527, -10.2546, -5.2313

Trichromacy



Original Color

37.3980, 5.8119, -31.7877

Protanomaly

37.3375, 5.6141, -31.9173

Deuteranomaly

37.3130, 4.1717, -31.9939

Tritanomaly

37.4146, -4.8468, -13.9412

Monochromacy



Original Color

37.3980, 5.8119, -31.7877

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.9702, -0.1167, -8.3367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3980, 5.8119, -31.7877 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(83, 102, 163)` looks like.

```
.text, #text, p{  
    color:rgb(83, 102, 163)  
}
```

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(83, 102, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3980, 5.8119, -31.7877 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(83, 102, 163) }
```


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

```
.border{ border-color:rgb(83, 102, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 102, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 163);  
box-shadow:4px 4px 4px 4px rgb(83, 102,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3980, 5.8119, -31.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 163) }
```

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

```
.background{ background-color: rgb(83, 102,  
163) }
```

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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