

Converting Colors

HunterLab(37.6645, 4.3536,
-37.5487)

Have a look what the booklet for
HunterLab(37.6645, 4.3536,
-37.5487) contains.

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Color

**HunterLab(37.5581, 4.3996,
-37.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	4568AB
RGB	69, 104, 171
RGB Percent	27%, 41%, 67%
CMY	0.7294, 0.5922, 0.3294
CMYK	0.60, 0.39, 0.00, 0.33
HSL	219°, 42%, 47%
HSV	219°, 60%, 67%
XYZ	14.7552, 14.1061, 40.4732
YIQ	101.1730, -42.3670, 13.4170

Conversions

Conversions Part 2

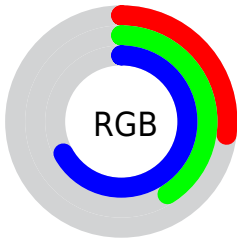
Format	Color
R _{YB}	69, 95, 171
Decimal	4548779
CIE Lab	44.39, 8.45, -39.69
CIE LCh	44, 40.578, 282.012
Yxy	14.1066, 0.2128, 0.2035
Android (android.graphics.Color)	4282738859 (0xFF4568AB)
YUV	101.1730, 34.4247, -28.2157
Hunter-Lab	37.5581, 4.3996, -37.6011

Details

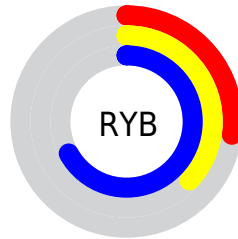
The HunterLab color $[37.5581, 4.3996, -37.6011]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[51.6694, 1.7274, 25.4071]$, and the grayscale version is $[36.0264, -1.9223, 1.9574]$.

A 20% lighter version of the original color is $[57.7483, 4.1701, -38.9559]$, and $[20.8185, 4.5780, -35.9040]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.8467, 7.5138, -46.5034]$, and if you desaturate by 10%, it is $[41.5194, 1.9562, -29.4004]$.

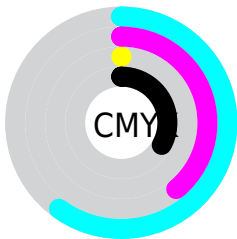
Distribution



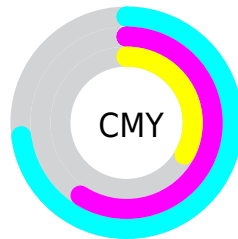
- Red (27%)
- Green (41%)
- Blue (67%)



- Red (27%)
- Yellow (37%)
- Blue (67%)



- Cyan (60%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5581, 4.3996, -37.6011 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 37.5581, 4.3996, -37.6011 by changing the saturation by 10% instead.

37.5581, 4.3996,
-37.6011

37.5581, 4.3996,
-37.6011

147.6119, 2.0323,
-42.7665

28.6266, 4.3600,
-37.1071

57.6871, 4.2511,
-38.8911

20.5423, 4.2253,
-36.9419

68.7797, 4.0806,
-39.5563

13.4063, 3.9736,
-37.6067

80.5043, 3.8546,
-40.1971

6.9677, 4.9093,
-43.6641

92.8283, 3.5778,
-40.8015

0.0000, NaN, -NF

0.0000, NaN, -NF

105.7240, 3.2542,
-41.3629

0.0000, NaN, NaN

119.1671, 2.8871,

0.0000, NaN, NaN

-41.8782

0.0000, NaN, NaN

133.1361, 2.4790,
-42.3461

■ 37.5581, 4.3996,
-37.6011

■ 37.5581, 4.3996,
-37.6011

■ 33.8467, 7.5138,
-46.5034

■ 41.5194, 1.9562,
-29.4004

■ 30.4286, 11.3933,
-56.1228

■ 45.6918, 0.0800,
-21.8383

■ 27.3576, 16.0914,
-66.3602

■ 50.0461, -1.3221,
-14.8299

■ 24.6563, 21.4705,
-77.0785

■ 54.5587, -2.3302,
-8.2916

■ 24.5656, 21.6648,
-77.4730

■ 59.2106, -3.0101,
-2.1475

■ 63.9865, -3.4152,
3.6679

■ 68.8740, -3.5888,
9.2100

■ 73.8628, -3.5659,
14.5246

■ 78.9443, -3.3748,
19.6498

Harmonies

Analogous

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



37.5587, -10.7737, -36.1519



37.5581, 4.3996, -37.6011



37.5587, 20.0945, -25.7092

Triad

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



37.5587, 4.4000, -37.6002



37.5587, 22.8017, 16.4999



37.5587, -26.3569, 9.7881

Complementary

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



37.5581, 4.3996, -37.6011



51.6694, 1.7274, 25.4071

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.



37.5587, -19.9439, 17.5979



37.5581, 4.3996, -37.6011



37.5587, 7.6478, 20.2486

Square

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



37.5587, 4.4000, -37.6002



37.5587, 31.8154, 7.4791



37.5587, -8.0096, 20.5465



37.5587, -26.9373, -4.3475

Rectangle

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



37.5581, 4.3996, -37.6011



37.5587, 28.1008, -13.8420



37.5587, -8.0096, 20.5465



37.5587, -24.8667, 13.0639

Sweetspot

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



37.5587, 4.4000, -37.6002



73.8301, -3.2628, -9.9760



56.7003, -31.8174, 10.2961



34.0420, -1.3905, -5.8481



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.5587, 4.4000, -37.6002



43.5877, 11.8143, -66.7943



30.1597, 25.1237, -56.7177



28.6178, -1.4595, -0.9395



21.5381, 18.2709, -66.3622



4.8229, 0.4287, -6.9536

Inverse Universe

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



37.3020, 37.2312, 2.8198



44.9962, 60.1563, 6.6344



60.4929, -19.4351, 31.4161



28.3884, 1.3420, 1.2560



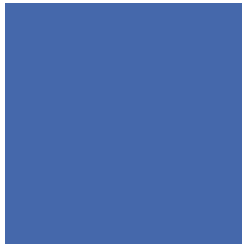
26.0218, 45.5028, 9.5302



4.4590, 8.0231, -0.1187

Previews

White Background



This preview shows how the HunterLab color 37.5581, 4.3996, -37.6011 looks on a white background.

Color Contrast Check

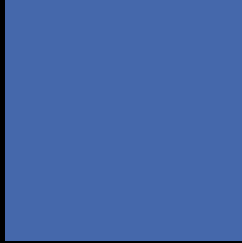
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5581, 4.3996, -37.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

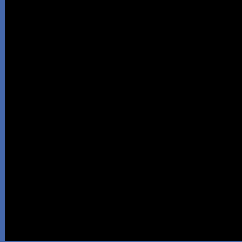
Any Text WCAG AA × Fail

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 37.5581, 4.3996, -37.6011 Background



This preview shows how black text looks on a background with the HunterLab color 37.5581, 4.3996, -37.6011.



This preview shows how white text looks on a background with the HunterLab color 37.5581, 4.3996, -37.6011.

-37.6011.

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

37.5581, 4.3996, -37.6011

Protanopia

37.4496, 6.6693, -37.0162

Deuteranopia

37.5944, 3.1353, -37.5420



Tritanopia

37.5407, -14.2899, -6.7130

Trichromacy



Original Color

37.5581, 4.3996, -37.6011

Protanomaly

37.5481, 5.6353, -36.8156

Deuteranomaly

37.6851, 3.4379, -37.3347

Tritanomaly

37.2640, -8.0156, -16.6546

Monochromacy



Original Color

37.5581, 4.3996, -37.6011

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.2394, -1.1740, -9.9837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5581, 4.3996, -37.6011 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(69, 104, 171)` looks like.

```
.text, #text, p{  
    color:rgb(69, 104, 171)  
}
```

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(69, 104, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 104, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5581, 4.3996, -37.6011 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(69, 104, 171) }
```


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

```
.border{ border-color:rgb(69, 104, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 104, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 104, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 104, 171);  
box-shadow:4px 4px 4px 4px rgb(69, 104,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5581, 4.3996, -37.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 104, 171) }
```

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

```
.background{ background-color: rgb(69, 104,  
171) }
```

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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