

Converting Colors

HunterLab(37.1868, -6.5496,
-12.0767)

Have a look what the booklet for
HunterLab(37.1868, -6.5496,
-12.0767) contains.

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Color

**HunterLab(37.0549, -6.4332,
-12.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	476C84
RGB	71, 108, 132
RGB Percent	28%, 42%, 52%
CMY	0.7216, 0.5765, 0.4824
CMYK	0.46, 0.18, 0.00, 0.48
HSL	204°, 30%, 40%
HSV	204°, 46%, 52%
XYZ	12.1260, 13.7307, 23.8410
YIQ	99.6730, -29.7560, -0.3800

Conversions

Conversions Part 2

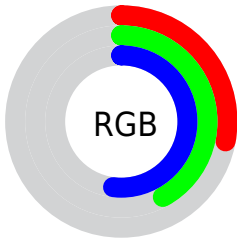
Format	Color
R _{YB}	71, 94, 132
Decimal	4680836
CIE Lab	43.84, -6.24, -17.37
CIE LCh	44, 18.453, 250.229
Yxy	13.7312, 0.2440, 0.2763
Android (android.graphics.Color)	4282870916 (0xFF476C84)
YUV	99.6730, 15.9372, -25.1462
Hunter-Lab	37.0549, -6.4332, -12.2085

Details

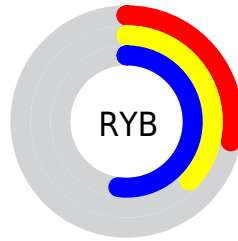
The HunterLab color $37.0549, -6.4332, -12.2085$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36.8039, 7.1098, 13.1987$, and the grayscale version is $35.5264, -1.8956, 1.9302$.

A 20% lighter version of the original color is $57.0176, -7.9802, -12.7340$, and $20.1873, -4.9002, -11.0914$ is the 20% darker color. If you saturate the color by 10%, you get $34.9600, -6.3965, -15.5921$, and if you desaturate by 10%, it is $39.2607, -6.1178, -8.8817$.

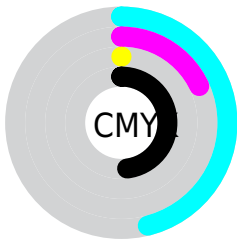
Distribution



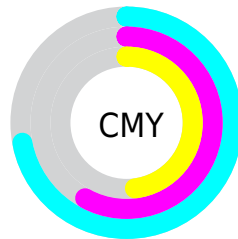
- Red (28%)
- Green (42%)
- Blue (52%)



- Red (28%)
- Yellow (37%)
- Blue (52%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (72%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0549, -6.4332, -12.2085 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 37.0549, -6.4332, -12.2085 by changing the saturation by 10% instead.

■ 37.0549, -6.4332,
-12.2085

■ 37.0549, -6.4332,
-12.2085

■ 146.8169,
-14.9936, -12.4337

■ 28.1672, -5.5496,
-11.8670

■ 57.1063, -8.2266,
-12.6765

■ 20.1313, -4.6654,
-11.4606

■ 68.1637, -9.1429,
-12.8096

■ 13.0502, -3.7661,
-11.0213

■ 79.8550, -10.0749,
-12.8807

■ 6.5242, -4.5173,
-12.4069

■ 92.1474, -11.0235,
-12.8938

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.0128,
-11.9894, -12.8526

0.0000, NaN, NaN

118.4269,

0.0000, NaN, NaN

-12.9730, -12.7602

0.0000, NaN, NaN

132.3680,
-13.9743, -12.6198

■ 37.0549, -6.4332,
-12.2085

■ 37.0549, -6.4332,
-12.2085

■ 34.9600, -6.3965,
-15.5921

■ 39.2607, -6.1178,
-8.8817

■ 32.9824, -5.9729,
-19.0232

■ 41.5670, -5.4852,
-5.6204

■ 31.1306, -5.1326,
-22.4840

■ 43.9665, -4.5695,
-2.4264

■ 29.4108, -3.8567,
-25.9525

■ 46.4519, -3.4021,
0.7006

■ 27.8174, -2.1748,
-29.4256

■ 49.0165, -2.0114,
3.7631

■ 27.2269, -1.5030,
-30.7868

■ 51.6542, -0.4224,
6.7646

■ 54.3595, 1.3428,
9.7095

■ 57.1276, 3.2651,
12.6025

■ 59.9540, 5.3279,
15.4484

Harmonies

Analogous

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



37.0556, -11.7275, -7.2665



37.0549, -6.4332, -12.2085



37.0556, 0.4474, -12.9669

Triad

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



37.0556, -6.4334, -12.2078



37.0556, 12.2551, 4.2247



37.0556, -10.2966, 10.5388

Complementary

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



37.0549, -6.4332, -12.2085



36.8039, 7.1098, 13.1987

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.



37.0556, -4.3449, 12.5551



37.0549, -6.4332, -12.2085



37.0556, 8.8943, 9.3857

Square

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



37.0556, -6.4334, -12.2078



37.0556, 11.5915, -2.5923



37.0556, 2.6959, 12.1764



37.0556, -13.8404, 6.1011

Rectangle

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



37.0549, -6.4332, -12.2085



37.0556, 5.0612, -10.8741



37.0556, 2.6959, 12.1764



37.0556, -8.5302, 11.4811

Sweetspot

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



37.0556, -6.4334, -12.2078



58.9702, -5.7951, -2.4260



43.1943, -22.3313, 11.5647



28.1596, -2.9248, -1.5493



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



37.0556, -6.4334, -12.2078



46.3944, -8.4890, -20.7020



29.1057, 7.3055, -26.4064



22.3146, -1.8388, -0.1005



26.8109, -1.5117, -30.2478



1.9790, -0.6889, -0.9864

Inverse Universe

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



32.3963, 23.0684, -5.5997



39.5604, 37.7158, -8.6994



44.7197, -6.5228, 19.5377



21.7546, 1.1692, 0.3311



23.0491, 41.9140, -4.0343



1.4087, 2.6531, -0.9549

Previews

White Background



This preview shows how the HunterLab color 37.0549, -6.4332, -12.2085 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 37.0549, -6.4332, -12.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

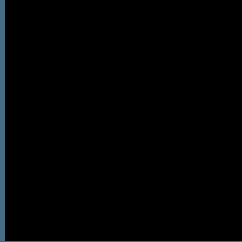
Any Text WCAG AA × Fail

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 37.0549, -6.4332, -12.2085 Background



This preview shows how black text looks on a background with the HunterLab color 37.0549, -6.4332, -12.2085.

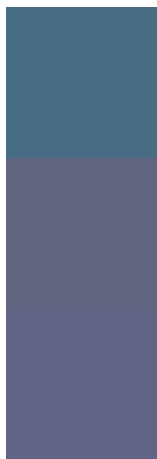


This preview shows how white text looks on a background with the HunterLab color 37.0549, -6.4332, -12.2085.

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

37.0549, -6.4332, -12.2085

Protanopia

36.8818, 1.1688, -10.0831

Deuteranopia

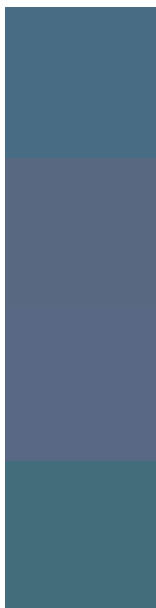
36.7997, 2.6213, -13.0303



Tritanopia

36.9825, -10.5627, -5.3766

Trichromacy



Original Color

37.0549, -6.4332, -12.2085

Protanomaly

36.8243, -1.7313, -10.7788

Deuteranomaly

36.9713, -0.9285, -12.8207

Tritanomaly

36.9073, -9.0139, -8.0489

Monochromacy



Original Color

37.0549, -6.4332, -12.2085

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.0475, -4.1828, -3.0741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0549, -6.4332, -12.2085 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(71, 108, 132)` looks like.

```
.text, #text, p{  
    color:rgb(71, 108, 132)  
}
```

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(71, 108, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 108, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0549, -6.4332, -12.2085 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(71, 108, 132) }
```


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

```
.border{ border-color:rgb(71, 108, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 108, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 108, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 108, 132);  
box-shadow:4px 4px 4px 4px rgb(71, 108,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0549, -6.4332, -12.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 108, 132) }
```

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

```
.background{ background-color: rgb(71, 108,  
132) }
```

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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