

# Converting Colors

HunterLab(37.3406, -5.3682,  
-17.0976)

Have a look what the booklet for  
HunterLab(37.3406, -5.3682,  
-17.0976) contains.

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# Color

**HunterLab(37.2042, -5.2061,  
-17.3247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	436C8D
RGB	67, 108, 141
RGB Percent	26%, 42%, 55%
CMY	0.7372, 0.5765, 0.4471
CMYK	0.52, 0.23, 0.00, 0.45
HSL	207°, 36%, 41%
HSV	207°, 52%, 55%
XYZ	12.4850, 13.8415, 27.2130
YIQ	99.5030, -35.0290, 1.5710

# Conversions

## Conversions Part 2

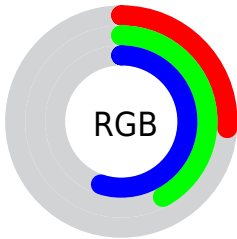
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 93, 141
Decimal	4418701
CIE <sub>Lab</sub>	44.01, -4.47, -22.52
CIE <sub>LCh</sub>	44, 22.963, 258.766
Yxy	13.8420, 0.2332, 0.2585
Android (android.graphics.Color)	4282608781 (0xFF436C8D)
YUV	99.5030, 20.4580, -28.5051
Hunter-Lab	37.2042, -5.2061, -17.3247

# Details

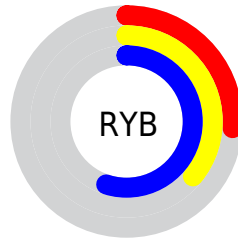
The HunterLab color  $37.2042, -5.2061, -17.3247$  is a dark color, and the websafe version is hex  $336699$ . A complement of this color would be  $38.9652, 7.6507, 16.0632$ , and the grayscale version is  $35.4477, -1.8914, 1.9259$ .

A 20% lighter version of the original color is  $57.2097, -6.5320, -18.3692$ , and  $20.3262, -3.6739, -16.4098$  is the 20% darker color. If you saturate the color by 10%, you get  $34.8195, -4.5731, -21.5338$ , and if you desaturate by 10%, it is  $39.7204, -5.4274, -13.2345$ .

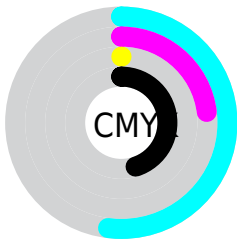
# Distribution



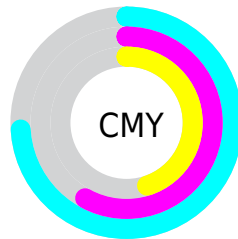
- Red (26%)
- Green (42%)
- Blue (55%)



- Red (26%)
- Yellow (36%)
- Blue (55%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (74%)
- Magenta (58%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2042, -5.2061, -17.3247 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 37.2042, -5.2061, -17.3247 by changing the saturation by 10% instead.



■ 37.2042, -5.2061,  
-17.3247

■ 37.2042, -5.2061,  
-17.3247

147.0530,  
-12.9971, -19.0197

■ 28.3035, -4.4401,  
-16.8457

■ 57.2787, -6.7924,  
-18.1134

■ 20.2532, -3.6873,  
-16.3433

■ 68.3466, -7.6158,  
-18.4144

■ 13.1557, -2.9396,  
-15.9064

■ 80.0477, -8.4600,  
-18.6539

■ 6.6591, -3.2831,  
-17.7984

■ 92.3496, -9.3255,  
-18.8342

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.2240,  
-10.2121, -18.9581

0.0000, NaN, NaN

118.6467,

0.0000, NaN, NaN

-11.1197, -19.0286

0.0000, NaN, NaN

132.5961,  
-12.0481, -19.0483

■ 37.2042, -5.2061,  
-17.3247

■ 37.2042, -5.2061,  
-17.3247

■ 34.8195, -4.5731,  
-21.5338

■ 39.7204, -5.4274,  
-13.2345

■ 32.5761, -3.4860,  
-25.8523

■ 42.3547, -5.2809,  
-9.2692

■ 30.4858, -1.9105,  
-30.2575

■ 45.0973, -4.8090,  
-5.4257

■ 28.5573, 0.1694,  
-34.7189

■ 47.9385, -4.0505,  
-1.6981

■ 27.1831, 1.9469,  
-38.1794

■ 50.8699, -3.0399,  
1.9218

■ 53.8839, -1.8073,  
5.4435

■ 56.9738, -0.3791,  
8.8763

■ 60.1338, 1.2222,  
12.2296

■ 63.3588, 2.9775,  
15.5122

# Harmonies

## Analogous

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



37.2049, -12.4328, -12.1209



37.2042, -5.2061, -17.3247



37.2049, 3.5772, -16.5227

# Triad

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



37.2049, -5.2061, -17.3240



37.2049, 15.3068, 6.8114



37.2049, -13.8048, 11.0997

# Complementary

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



37.2042, -5.2061, -17.3247



38.9652, 7.6507, 16.0632

# 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.



37.2049, -7.2426, 14.2084



37.2042, -5.2061, -17.3247



37.2049, 9.7554, 12.1563

# Square

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



37.2049, -5.2061, -17.3240



37.2049, 15.9804, -1.2272



37.2049, 1.3451, 14.5444



37.2049, -17.0828, 5.0081



# Rectangle

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



37.2042, -5.2061, -17.3247



37.2049, 9.1355, -12.7271



37.2049, 1.3451, 14.5444



37.2049, -11.9395, 12.4614

# Sweetspot

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



37.2049, -5.2061, -17.3240



62.6683, -5.8549, -4.1817



45.9843, -25.7576, 12.6421



29.2973, -2.8533, -2.3952



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



37.2049, -5.2061, -17.3240



46.0195, -5.8955, -29.8875



27.8263, 11.8339, -36.3396



23.9149, -1.8314, -0.2424



26.0181, 1.7496, -36.2972



3.2981, -1.0135, -1.9346



# Inverse Universe

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



32.8028, 28.0221, -4.9406



39.9168, 45.9681, -7.0331



48.6780, -8.8714, 23.3714



23.3901, 1.2392, 0.4842



23.8112, 42.9038, -1.0982



2.4219, 4.5310, -1.4080



# Previews

## White Background



This preview shows how the HunterLab color 37.2042, -5.2061, -17.3247 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 37.2042, -5.2061, -17.3247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

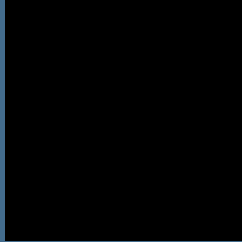
Any Text WCAG AA × Fail

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 37.2042, -5.2061, -17.3247 Background



This preview shows how black text looks on a background with the HunterLab color 37.2042, -5.2061, -17.3247.



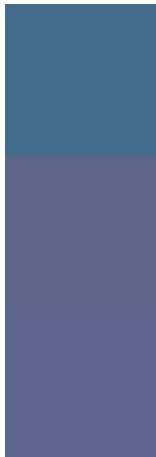
This preview shows how white text looks on a background with the HunterLab color 37.2042, -5.2061, -17.3247.



# 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

37.2042, -5.2061, -17.3247

### Protanopia

36.9981, 2.2321, -15.0895

### Deuteranopia

37.0554, 2.8213, -18.0640



## Tritanopia

37.3222, -12.1839, -5.9519

# Trichromacy



## Original Color

37.2042, -5.2061, -17.3247

## Protanomaly

36.9059, -0.7712, -15.9007

## Deuteranomaly

37.0035, -0.1161, -18.2048

## Tritanomaly

37.3954, -9.9253, -9.5099

# Monochromacy



## Original Color

37.2042, -5.2061, -17.3247

## Achromatopsia

35.6984, -1.9048, 1.9396

## Achromatomaly

36.0735, -3.9021, -4.4984

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.2042, -5.2061, -17.3247 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(67, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(67, 108, 141)  
}
```

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(67, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 108, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.2042, -5.2061, -17.3247 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(67, 108, 141) }
```



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

```
.border{ border-color:rgb(67, 108, 141) }
```

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

Here you see how a box with a 4 pixel rgb(67, 108, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(67, 108,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 37.2042, -5.2061, -17.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 108, 141) }
```

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

```
.background{ background-color: rgb(67, 108,  
141) }
```

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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