

Converting Colors

HunterLab(37.4538, -5.7278,
-14.9086)

Have a look what the booklet for
HunterLab(37.4538, -5.7278,
-14.9086) contains.

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Color

**HunterLab(37.5158, -5.7881,
-14.9846)**

Conversions

Conversions Part 1

Format	Color
Hex	466D8A
RGB	70, 109, 138
RGB Percent	27%, 43%, 54%
CMY	0.7255, 0.5725, 0.4588
CMYK	0.49, 0.21, 0.00, 0.46
HSL	206°, 33%, 41%
HSV	206°, 49%, 54%
XYZ	12.5819, 14.0744, 26.0982
YIQ	100.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

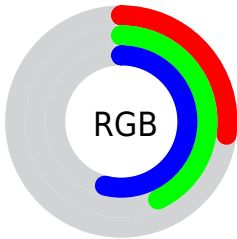
Format	Color
RYB	70, 95, 138
Decimal	4615562
CIELab	44.34, -5.26, -20.20
CIELCh	44, 20.875, 255.405
Yxy	14.0749, 0.2385, 0.2668
Android (android.graphics.Color)	4282805642 (0xFF466D8A)
YUV	100.6450, 18.4160, -26.8757
Hunter-Lab	37.5158, -5.7881, -14.9846

Details

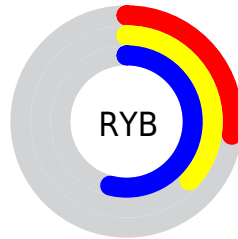
The HunterLab color $37.5158, -5.7881, -14.9846$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $38.4313, 7.2871, 14.8687$, and the grayscale version is $35.8834, -1.9146, 1.9496$.

A 20% lighter version of the original color is $57.5195, -7.2150, -16.0872$, and $20.5990, -4.2878, -13.9560$ is the 20% darker color. If you saturate the color by 10%, you get $35.2212, -5.4251, -18.8683$, and if you desaturate by 10%, it is $39.9331, -5.7657, -11.1948$.

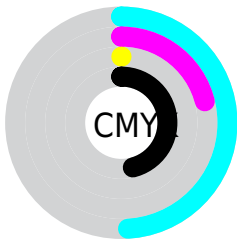
Distribution



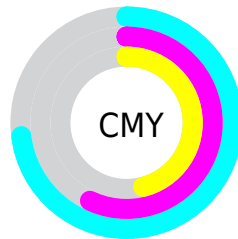
- Red (27%)
- Green (43%)
- Blue (54%)



- Red (27%)
- Yellow (37%)
- Blue (54%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (46%)



- Cyan (73%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5158, -5.7881, -14.9846 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 37.5158, -5.7881, -14.9846 by changing the saturation by 10% instead.

■ 37.5158, -5.7881,
-14.9846

■ 37.5158, -5.7881,
-14.9846

147.5453,
-13.9272, -16.0199

■ 28.5880, -4.9696,
-14.5630

■ 57.6384, -7.4675,
-15.6325

■ 20.5078, -4.1585,
-14.0950

■ 68.7281, -8.3328,
-15.8584

■ 13.3764, -3.3443,
-13.6375

■ 80.4498, -9.2168,
-16.0222

■ 6.9317, -3.6770,
-14.8042

■ 92.7712, -10.1199,
-16.1271

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.6644,
-11.0425, -16.1763

0.0000, NaN, NaN

119.1051,

0.0000, NaN, NaN

-11.9846, -16.1730

0.0000, NaN, NaN

133.0717,
-12.9462, -16.1200

■ 37.5158, -5.7881,
-14.9846

■ 37.5158, -5.7881,
-14.9846

■ 35.2212, -5.4251,
-18.8683

■ 39.9331, -5.7657,
-11.1948

■ 33.0575, -4.6366,
-22.8371

■ 42.4608, -5.3982,
-7.5056

■ 31.0353, -3.3893,
-26.8712

■ 45.0902, -4.7244,
-3.9156

■ 29.1628, -1.6632,
-30.9444

■ 47.8127, -3.7799,
-0.4212

■ 27.4168, 0.4447,
-35.0966

■ 50.6206, -2.5965,
2.9837

■ 27.2915, 0.6011,
-35.4096

■ 53.5069, -1.2021,
6.3059

■ 56.4656, 0.3790,
9.5528

■ 59.4912, 2.1259,
12.7318

■ 62.5790, 4.0206,
15.8500

Harmonies

Analogous

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



37.5165, -12.1692, -9.8937



37.5158, -5.7881, -14.9846



37.5165, 2.1549, -14.9079

Triad

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



37.5165, -5.7882, -14.9839



37.5165, 13.9446, 5.7122



37.5165, -12.3055, 10.9039

Complementary

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



37.5158, -5.7881, -14.9846



38.4313, 7.2871, 14.8687

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.



37.5165, -5.9888, 13.5540



37.5158, -5.7881, -14.9846



37.5165, 9.3744, 11.0112

Square

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



37.5165, -5.7882, -14.9839



37.5165, 14.0097, -1.8206



37.5165, 1.9368, 13.5887



37.5165, -15.7133, 5.5333

Rectangle

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



37.5158, -5.7881, -14.9846



37.5165, 7.2948, -11.8907



37.5165, 1.9368, 13.5887



37.5165, -10.4766, 12.0879

Sweetspot

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



37.5165, -5.7882, -14.9839



61.2785, -5.8172, -3.3501



45.1304, -24.2577, 12.0944



28.7125, -2.8572, -1.9876



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.5165, -5.7882, -14.9839



46.4696, -7.1251, -25.5666



28.7414, 9.7911, -31.7201



23.1023, -1.8188, -0.1832



26.1882, 0.4786, -33.7660



2.7326, -0.8831, -1.5092

Inverse Universe

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



32.9973, 25.7352, -5.2139



40.0292, 42.0722, -7.7807



47.3697, -7.9710, 21.7963



22.5688, 1.1985, 0.4221



23.4020, 42.3093, -2.1852



1.9829, 3.7191, -1.2245

Previews

White Background



This preview shows how the HunterLab color 37.5158, -5.7881, -14.9846 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 37.5158, -5.7881, -14.9846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

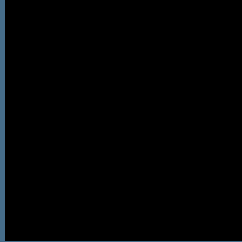
Any Text WCAG AA × Fail

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 37.5158, -5.7881, -14.9846 Background



This preview shows how black text looks on a background with the HunterLab color 37.5158, -5.7881, -14.9846.

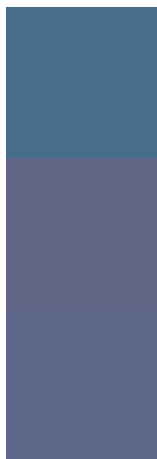


This preview shows how white text looks on a background with the HunterLab color 37.5158, -5.7881, -14.9846.

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

37.5158, -5.7881, -14.9846

Protanopia

37.3672, 1.8810, -12.7280

Deuteranopia

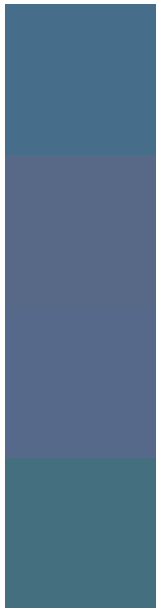
37.4132, 2.4177, -15.6127



Tritanopia

37.5402, -11.3689, -5.6365

Trichromacy



Original Color

37.5158, -5.7881, -14.9846

Protanomaly

37.2541, -1.2041, -13.5452

Deuteranomaly

37.3439, -0.5865, -15.7799

Tritanomaly

37.5426, -9.4530, -8.7416

Monochromacy



Original Color

37.5158, -5.7881, -14.9846

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.4543, -4.0377, -3.4996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5158, -5.7881, -14.9846 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(70, 109, 138)` looks like.

```
.text, #text, p{  
    color:rgb(70, 109, 138)  
}
```

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(70, 109, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 109, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5158, -5.7881, -14.9846 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(70, 109, 138) }
```


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

```
.border{ border-color:rgb(70, 109, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 109, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 109, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 109, 138);  
box-shadow:4px 4px 4px 4px rgb(70, 109,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5158, -5.7881, -14.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 109, 138) }
```

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

```
.background{ background-color: rgb(70, 109,  
138) }
```

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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