

Converting Colors

HunterLab(37.7002, 14.8508,
-56.0252)

Have a look what the booklet for
HunterLab(37.7002, 14.8508,
-56.0252) contains.

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Color

**HunterLab(37.6343, 15.0268,
-56.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	4D62C1
RGB	77, 98, 193
RGB Percent	30%, 38%, 76%
CMY	0.6980, 0.6157, 0.2431
CMYK	0.60, 0.49, 0.00, 0.24
HSL	229°, 48%, 53%
HSV	229°, 60%, 76%
XYZ	17.0539, 14.1634, 52.2871
YIQ	102.5510, -43.0110, 25.0930

Conversions

Conversions Part 2

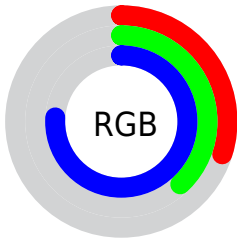
Format	Color
RYB	77, 95, 193
Decimal	5071553
CIELab	44.47, 21.38, -52.36
CIElCh	44, 56.561, 292.210
Yxy	14.1638, 0.2042, 0.1696
Android (android.graphics.Color)	4283261633 (0xFF4D62C1)
YUV	102.5510, 44.5914, -22.4082
Hunter-Lab	37.6343, 15.0268, -56.0303

Details

The HunterLab color **37.6343, 15.0268, -56.0303** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **64.3278, -6.8911, 33.0455**, and the grayscale version is **36.5086, -1.9480, 1.9836**.

A 20% lighter version of the original color is **57.6479, 16.2736, -57.2114**, and **20.7848, 14.1946, -56.6212** is the 20% darker color. If you saturate the color by 10%, you get **32.8709, 20.5943, -70.3868**, and if you desaturate by 10%, it is **42.8311, 10.3863, -43.2659**.

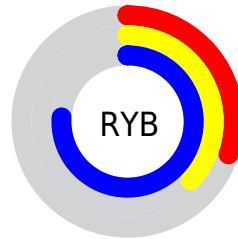
Distribution



Red (30%)

Green (38%)

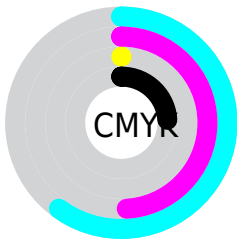
Blue (76%)



Red (30%)

Yellow (37%)

Blue (76%)

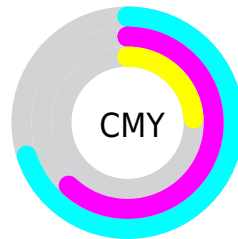


Cyan (60%)

Magenta (49%)

Yellow (0%)

Black (24%)



Cyan (70%)

Magenta (62%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6343, 15.0268, -56.0303 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 37.6343, 15.0268, -56.0303 by changing the saturation by 10% instead.

■ 37.6343, 15.0268,
-56.0303

■ 37.6343, 15.0268,
-56.0303

147.7321, 17.7230,
-62.1516

■ 28.6962, 14.2798,
-56.0503

■ 57.7750, 16.1812,
-57.0342

■ 20.6046, 13.3942,
-56.9299

■ 68.8729, 16.6146,
-57.7476

■ 13.4604, 12.3494,
-59.7684

■ 80.6024, 16.9659,
-58.5066

■ 7.0322, 13.1036,
-72.3552

■ 92.9313, 17.2430,
-59.2766

0.0000, NaN, -NF

0.0000, NaN, -NF

105.8315, 17.4523,
-60.0368

0.0000, NaN, -NF

119.2790, 17.5992,

0.0000, NaN, NaN

-60.7741

0.0000, NaN, NaN

133.2522, 17.6881,
-61.4807

■ 37.6343, 15.0268,
-56.0303

■ 37.6343, 15.0268,
-56.0303

■ 32.8709, 20.5943,
-70.3868

■ 42.8311, 10.3863,
-43.2659

■ 28.6565, 27.1586,
-86.2520

■ 48.3727, 6.5201,
-31.9178

■ 25.1415, 34.5398,
-102.8826

■ 54.1970, 3.2769,
-21.7402

■ 22.4687, 41.9095,
-118.5544

■ 60.2578, 0.5275,
-12.5023

■ 66.5209, -1.8307,
-4.0103

■ 72.9604, -3.8772,
3.8907

■ 79.5560, -5.6735,
11.3225

■ 86.2920, -7.2667,
18.3804

■ 93.1555, -8.6935,
25.1387

Harmonies

Analogous

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



37.6349, -7.4806, -61.9642



37.6343, 15.0268, -56.0303



37.6349, 36.7968, -31.1315

Triad

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



37.6349, 15.0275, -56.0292



37.6349, 27.0002, 21.8152



37.6349, -34.9754, 7.0241

Complementary

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



37.6343, 15.0268, -56.0303



64.3278, -6.8911, 33.0455

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.



37.6349, -29.5493, 19.1170



37.6343, 15.0268, -56.0303



37.6349, 3.7918, 23.9413

Square

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



37.6349, 15.0275, -56.0292



37.6349, 44.7255, 14.1404



37.6349, -16.4698, 23.3489



37.6349, -33.2812, -16.1742

Rectangle

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



37.6343, 15.0268, -56.0303



37.6349, 46.3144, -12.1468



37.6349, -16.4698, 23.3489



37.6349, -33.9764, 12.2385

Sweetspot

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



37.6349, 15.0275, -56.0292



82.1474, 0.0965, -14.5972



65.3350, -33.5977, 4.3734



36.9255, 0.5042, -8.3641



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



37.6349, 15.0275, -56.0292



42.1971, 30.0812, -100.4346



35.6633, 33.6147, -61.3128



31.6801, -0.9411, -1.6151



18.5564, 33.3555, -95.1990



4.9082, 3.8393, -14.4228

Inverse Universe

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



41.8664, 41.2163, 10.1549



50.6482, 66.4425, 17.4926



67.6542, -28.2341, 35.0398



31.7915, 1.3316, 2.0018



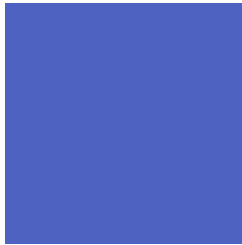
27.6222, 47.6264, 15.3486



5.8221, 10.1963, 2.0114

Previews

White Background



This preview shows how the HunterLab color 37.6343, 15.0268, -56.0303 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 37.6343, 15.0268, -56.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

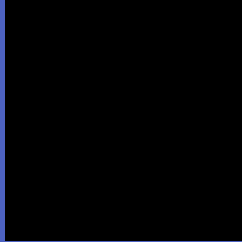
Any Text WCAG AA × Fail

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 37.6343, 15.0268, -56.0303 Background



This preview shows how black text looks on a background with the HunterLab color 37.6343, 15.0268, -56.0303.



This preview shows how white text looks on a background with the HunterLab color 37.6343, 15.0268, -56.0303.

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

37.6343, 15.0268, -56.0303

Protanopia

37.8394, 10.9123, -59.2605

Deuteranopia

37.6690, 2.5196, -52.5221



Tritanopia

37.4803, -14.4528, -7.3227

Trichromacy



Original Color

37.6343, 15.0268, -56.0303

Protanomaly

37.8378, 12.1136, -58.3057

Deuteranomaly

37.2360, 5.4175, -54.5285

Tritanomaly

37.1011, -4.9088, -22.6635

Monochromacy



Original Color

37.6343, 15.0268, -56.0303

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.6942, 2.4960, -14.9814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6343, 15.0268, -56.0303 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(77, 98, 193)` looks like.

```
.text, #text, p{  
    color:rgb(77, 98, 193)  
}
```

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(77, 98, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 98, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6343, 15.0268, -56.0303 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(77, 98, 193) }
```


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

```
.border{ border-color:rgb(77, 98, 193) }
```

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

Here you see how a box with a 4 pixel rgb(77, 98, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 98, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 98, 193);  
box-shadow:4px 4px 4px 4px rgb(77, 98,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6343, 15.0268, -56.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 98, 193) }
```

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

```
.background{ background-color: rgb(77, 98,  
193) }
```

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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