Converting Colors

HunterLab(37.5932, 23.4037, -15.1117)

Have a look what the booklet for HunterLab(37.5932, 23.4037, -15.1117) contains.

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Color

HunterLab(37.5434, 23.6986, -15.0256)

Conversions

Conversions Part 1

Format	Color
Hex	8C568B
RGB	140, 86, 139
RGB Percent	55%, 34%, 55%
CMY	0.4510, 0.6627, 0.4549
CMYK	0.00, 0.39, 0.01, 0.45
HSL	301°, 24%, 44%
HSV	301°, 39%, 55%
XYZ	18.8032, 14.0951, 26.1556
YIQ	108.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

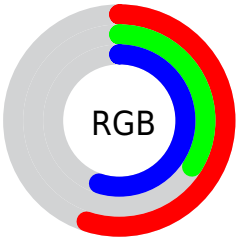
Format	Color
RYB	140, 86, 139
Decimal	9197195
CIELab	44.37, 31.13, -20.24
CIELCh	44, 37.130, 326.965
Yxy	14.0957, 0.3184, 0.2387
Android (android.graphics.Color)	4287387275 (0xFF8C568B)
YUV	108.1880, 15.1903, 27.8991
Hunter-Lab	37.5434, 23.6986, -15.0256

Details

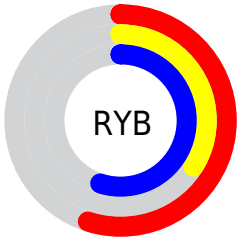
The HunterLab color 37.5434, 23.6986, -15.0256 is a dark color, and the websafe version is hex 996699. A complement of this color would be 46.2851, -23.3953, 16.5598, and the grayscale version is 38.7369, -2.0669, 2.1046.

A 20% lighter version of the original color is 57.7440, 25.9265, -15.7674, and 20.4504, 21.1279, -14.4296 is the 20% darker color. If you saturate the color by 10%, you get 34.7378, 30.5414, -19.5810, and if you desaturate by 10%, it is 40.6966, 16.7313, -10.3610.

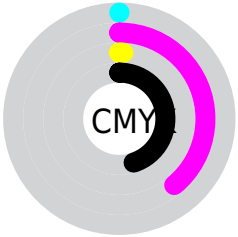
Distribution



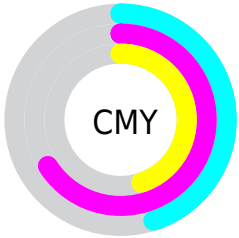
- Red (55%)
- Green (34%)
- Blue (55%)



- Red (55%)
- Yellow (34%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5434, 23.6986, -15.0256 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 37.5434, 23.6986, -15.0256 by changing the saturation by 10% instead.

37.5434, 23.6986, -15.0256

147.5891, 29.9544, -16.0704

57.6704, 25.7359, -15.6752

68.7620, 26.5898, -15.9023

80.4856, 27.3476, -16.0672

92.8087, 28.0177, -16.1732

105.7036, 28.6076, -16.2235

119.1458, 29.1236,

37.5434, 23.6986, -15.0256

28.6134, 22.4886, -14.6028

20.5305, 21.1397, -14.1342

13.3961, 19.6587, -13.6765

6.9554, 20.6536, -14.8175

0.0000, INF, -NF

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

-16.2213

0.0000, NaN, NaN

133.1140, 29.5710, -16.1694

37.5434, 23.6986, -15.0256

37.5434, 23.6986, -15.0256

34.7378, 30.5414, -19.5810

40.6966, 16.7313, -10.3610

32.3278, 37.0219, -23.8663

44.1477, 9.7977, -5.6966

30.3620, 42.8108, -27.6604

47.8557, 2.9826, -1.0924

28.8758, 47.5358, -30.7163

51.7853, -3.6745, 3.4222

27.8793, 50.8782, -32.8263

55.9070, -10.1628, 7.8374

27.2725, 52.9645, -34.0829

27.1907, 53.2503, -34.2536

60.1965, -16.4876, 12.1544

64.6341, -22.6622, 16.3805

69.2031, -28.7034, 20.5254

73.8901, -34.6285, 24.5995

Harmonies

Analogous

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

37.5442, 11.1763, -29.2040

37.5434, 23.6986, -15.0256

37.5442, 29.2876, 0.6444

Triad

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

37.5442, 23.6973, -15.0246

37.5442, -0.5509, 19.8143

37.5442, -23.3481, -11.7234

Complementary

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

37.5434, 23.6986, -15.0256

46.2851, -23.3953, 16.5598

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.

37.5442, -25.5385, 3.3910

37.5434, 23.6986, -15.0256

37.5442, -13.5868, 18.5906

Square

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

37.5442, 23.6973, -15.0246

37.5442, 14.0454, 17.9340

37.5442, -22.2389, 13.6122

37.5442, -15.7435, -26.8530

Rectangle

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

37.5434, 23.6986, -15.0256

37.5442, 27.7965, 8.8518

37.5442, -22.2389, 13.6122

37.5442, -24.6881, -6.3402

Sweetspot

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

37.5442, 23.6973, -15.0246

61.6923, 7.2709, -3.6899

32.5133, 8.8901, -25.0546

29.3506, 3.9709, -2.0961

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.

37.5442, 23.6973, -15.0246

46.6871, 39.1214, -25.0492

36.6111, 19.1746, -1.9780

22.6438, 1.6006, -0.6431

25.6312, 50.1972, -32.2967

2.0947, 4.1110, -2.7057

Inverse Universe

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

37.5442, 23.6973, -15.0246

46.6871, 39.1214, -25.0492

46.8483, -20.0772, 8.4058

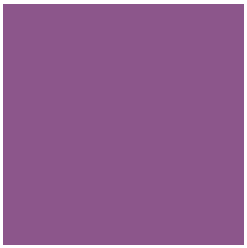
22.6438, 1.6006, -0.6431

25.6312, 50.1972, -32.2967

2.0947, 4.1110, -2.7057

Previews

White Background



This preview shows how the HunterLab color 37.5434, 23.6986, -15.0256 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

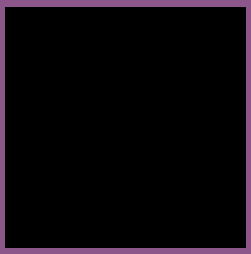
Black Background

Color Contrast Check

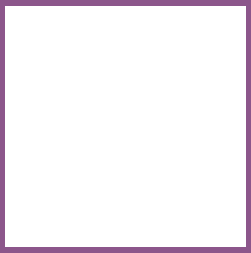
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 37.5434, 23.6986, -15.0256 Background



This preview shows how black text looks on a background with the HunterLab color 37.5434, 23.6986, -15.0256.



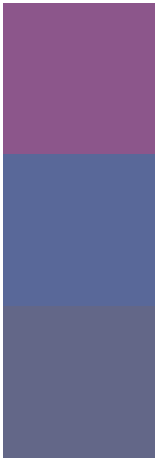
This preview shows how white text looks on a background with the HunterLab color 37.5434, 23.6986,

-15.0256.

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



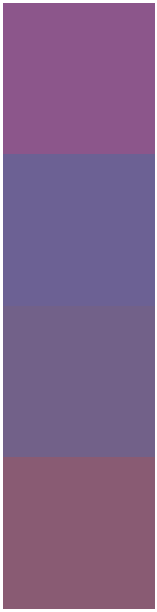
Original Color
37.5434, 23.6986, -15.0256

Protanopia
37.8476, 3.6617, -23.8254

Deuteranopia
37.5908, 2.7832, -13.5260

Tritanopia
37.5445, 11.9992, 3.9019

Trichromacy



Original Color
37.5434, 23.6986, -15.0256

Protanomaly
37.2500, 10.5459, -21.4560

Deuteranomaly
37.3269, 9.8977, -14.4186

Tritanomaly
37.4678, 16.1457, -2.2963

Monochromacy

Original Color
37.5434, 23.6986, -15.0256

Achromatopsia
38.7246, -2.0663, 2.1040

Achromatomaly
37.9991, 6.9357, -3.6952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5434, 23.6986, -15.0256 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(140, 86, 139) looks like.

```
.text, #text, p{
    color:rgb(140, 86, 139)
}
```

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(140, 86, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 86, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5434, 23.6986, -15.0256 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(140, 86, 139) }
```

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

```
.border{ border-color:rgb(140, 86, 139) }
```

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

Here you see how a box with a 4 pixel rgb(140, 86, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 86, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 86, 139); box-shadow:4px 4px 4px 4px rgb(140, 86, 139) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5434, 23.6986, -15.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 86, 139) }
```

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

```
.background{ background-color:rgb(140, 86,
139) }
```

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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