

Converting Colors

HunterLab(37.4281, 23.3760,
-15.2212)

Have a look what the booklet for
HunterLab(37.4281, 23.3760,
-15.2212) contains.

HunterLab(37.4281, 23.3760, -15.2212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.4281, 23.3760,
-15.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	8B568B
RGB	139, 86, 139
RGB Percent	55%, 34%, 55%
CMY	0.4549, 0.6627, 0.4549
CMYK	0.00, 0.38, 0.00, 0.45
HSL	300°, 24%, 44%
HSV	300°, 38%, 55%
XYZ	18.6355, 14.0086, 26.1478
YIQ	107.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

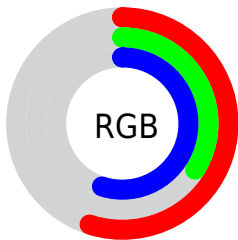
Format	Color
R_{YB}	139, 86, 139
Decimal	9131659
CIE _{Lab}	44.25, 30.79, -20.44
CIE _{LCh}	44, 36.960, 326.421
Yxy	14.0092, 0.3170, 0.2383
Android (android.graphics.Color)	4287321739 (0xFF8B568B)
YUV	107.8890, 15.3377, 27.2843
Hunter-Lab	37.4281, 23.3760, -15.2212

Details

The HunterLab color $[37.4281, 23.3760, -15.2212]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[45.9522, -23.1178, 16.5503]$, and the grayscale version is $[38.6227, -2.0608, 2.0984]$.

A 20% lighter version of the original color is $[57.5144, 25.2420, -16.1277]$, and $[20.4504, 21.1279, -14.4296]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.6428, 30.2250, -19.9288]$, and if you desaturate by 10%, it is $[40.5573, 16.4135, -10.4298]$.

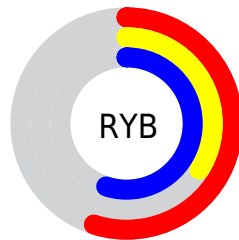
Distribution



Red (55%)

Green (34%)

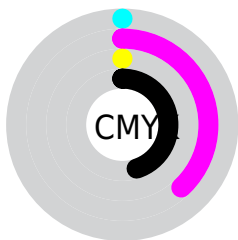
Blue (55%)



Red (55%)

Yellow (34%)

Blue (55%)

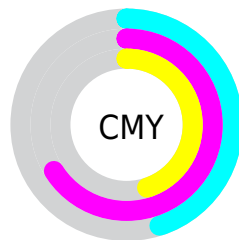


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4281, 23.3760, -15.2212 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 37.4281, 23.3760, -15.2212 by changing the saturation by 10% instead.

37.4281, 23.3760,
-15.2212

37.4281, 23.3760,
-15.2212

147.4070, 29.5231,
-16.3294

28.5081, 22.1791,
-14.7925

57.5373, 25.3874,
-15.8849

20.4362, 20.8427,
-14.3198

68.6209, 26.2286,
-16.1192

13.3143, 19.3726,
-13.8634

80.3369, 26.9740,
-16.2914

6.8562, 20.5772,
-15.1581

92.6528, 27.6320,
-16.4046

0.0000, INF, -NF

0.0000, NaN, NaN

105.5407, 28.2101,
-16.4620

0.0000, NaN, NaN

118.9763, 28.7145,

0.0000, NaN, NaN

-16.4668

0.0000, NaN, NaN

132.9381, 29.1507,
-16.4217

■ 37.4281, 23.3760,
-15.2212

■ 37.4281, 23.3760,
-15.2212

■ 34.6428, 30.2250,
-19.9288

■ 40.5573, 16.4135,
-10.4298

■ 32.2487, 36.7272,
-24.3937

■ 43.9812, 9.4923,
-5.6614

■ 30.2938, 42.5579,
-28.3940

■ 47.6595, 2.6950,
-0.9726

■ 28.8135, 47.3481,
-31.6782

■ 51.5572, -3.9406,
3.6102

■ 27.8187, 50.7781,
-34.0286

■ 55.6452, -10.4045,
8.0797

■ 27.2206, 52.9305,
-35.5030

■ 59.8996, -16.7027,
12.4394

■ 27.1166, 53.3121,
-35.7644

■ 64.3006, -22.8489,
16.6985

■ 68.8320, -28.8602,
20.8682

■ 73.4803, -34.7541,
24.9602

Harmonies

Analogous

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



37.4289, 10.8458, -29.2040



37.4281, 23.3760, -15.2212



37.4289, 29.0883, 0.3911

Triad

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



37.4289, 23.3748, -15.2202



37.4289, -0.2913, 19.7203



37.4289, -23.3177, -11.3525

Complementary

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



37.4281, 23.3760, -15.2212



45.9522, -23.1178, 16.5503

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.



37.4289, -25.3984, 3.6121



37.4281, 23.3760, -15.2212



37.4289, -13.3159, 18.5575

Square

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



37.4289, 23.3748, -15.2202



37.4289, 14.2090, 17.7854



37.4289, -22.0158, 13.6798



37.4289, -15.8461, -26.4510

Rectangle

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



37.4281, 23.3760, -15.2212



37.4289, 27.7214, 8.6199



37.4289, -22.0158, 13.6798



37.4289, -24.6182, -6.0121

Sweetspot

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



37.4289, 23.3748, -15.2202



62.2132, 6.4151, -3.2397



32.4018, 8.4476, -24.5827



29.5837, 3.5914, -1.9084



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.



37.4289, 23.3748, -15.2202



46.7545, 39.4304, -25.9703



36.5051, 18.8911, -2.3108



22.6473, 1.6193, -0.6925



25.7613, 50.6474, -33.9768



2.0997, 4.1280, -2.7693

Inverse Universe

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



37.4289, 23.3748, -15.2202



46.7545, 39.4304, -25.9703



46.5029, -19.8743, 8.5751



22.6473, 1.6193, -0.6925



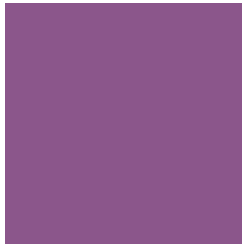
25.7613, 50.6474, -33.9768



2.0997, 4.1280, -2.7693

Previews

White Background



This preview shows how the HunterLab color 37.4281, 23.3760, -15.2212 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 37.4281, 23.3760, -15.2212 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 37.4281, 23.3760, -15.2212 Background



This preview shows how black text looks on a background with the HunterLab color 37.4281, 23.3760, -15.2212.



This preview shows how white text looks on a background with the HunterLab color 37.4281, 23.3760, -15.2212.

-15.2212.

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

37.4281, 23.3760, -15.2212

Protanopia

37.5384, 3.9112, -23.7192

Deuteranopia

37.5908, 2.7832, -13.5260



Tritanopia

37.4344, 11.6568, 3.7709

Trichromacy



Original Color

37.4281, 23.3760, -15.2212

Protanomaly

37.1238, 10.0637, -21.0339

Deuteranomaly

37.3269, 9.8977, -14.4186

Tritanomaly

37.3553, 15.8087, -2.4487

Monochromacy



Original Color

37.4281, 23.3760, -15.2212

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

37.9054, 6.6315, -3.8256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4281, 23.3760, -15.2212 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(139, 86, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 86, 139) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 37.4281, 23.3760, -15.2212 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(139, 86, 139) }
```


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

```
.border{ border-color:rgb(139, 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(139, 86, 139)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 37.4281, 23.3760, -15.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(139, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor