

Converting Colors

HunterLab(38.8616, 59.1405,
-23.6735)

Have a look what the booklet for
HunterLab(38.8616, 59.1405,
-23.6735) contains.

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Color

**HunterLab(38.7713, 59.1992,
-23.8525)**

Conversions

Conversions Part 1

Format	Color
Hex	BB2F9D
RGB	187, 47, 157
RGB Percent	73%, 18%, 62%
CMY	0.2667, 0.8157, 0.3843
CMYK	0.00, 0.75, 0.16, 0.27
HSL	313°, 60%, 46%
HSV	313°, 75%, 73%
XYZ	27.5958, 15.0321, 33.3453
YIQ	101.4000, 48.1300, 63.8900

Conversions

Conversions Part 2

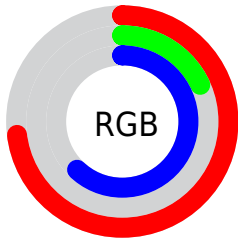
Format	Color
RYB	187, 47, 157
Decimal	12267421
CIELab	45.68, 65.23, -28.47
CIELCh	46, 71.169, 336.422
Yxy	15.0329, 0.3632, 0.1979
Android (android.graphics.Color)	4290457501 (0xFFBB2F9D)
YUV	101.4000, 27.4108, 75.0712
Hunter-Lab	38.7713, 59.1992, -23.8525

Details

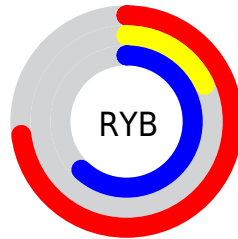
The HunterLab color **38.7713, 59.1992, -23.8525** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **60.5652, -46.2102, 29.6361**, and the grayscale version is **36.1140, -1.9270, 1.9621**.

A 20% lighter version of the original color is **59.0438, 63.3939, -25.0548**, and **24.0120, 45.3687, -17.4094** is the 20% darker color. If you saturate the color by 10%, you get **37.0267, 63.7534, -24.3210**, and if you desaturate by 10%, it is **41.2320, 52.7775, -22.1597**.

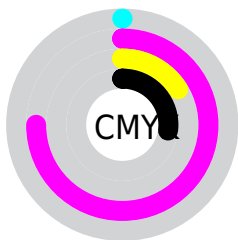
Distribution



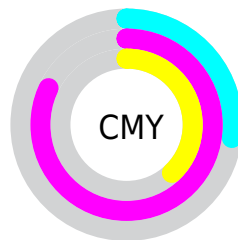
- Red (73%)
- Green (18%)
- Blue (62%)



- Red (73%)
- Yellow (18%)
- Blue (62%)



- Cyan (0%)
- Magenta (75%)
- Yellow (16%)
- Black (27%)



- Cyan (27%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7713, 59.1992, -23.8525 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 38.7713, 59.1992, -23.8525 by changing the saturation by 10% instead.

38.7713, 59.1992,
-23.8525

38.7713, 59.1992,
-23.8525

149.5210, 75.7672,
-26.9381

29.7363, 56.9747,
-23.2848

59.0854, 63.5210,
-24.9057

21.5373, 54.8498,
-22.7610

70.2618, 65.5557,
-25.3600

14.2717, 53.1513,
-22.4409

82.0656, 67.4926,
-25.7587

7.9292, 54.5057,
-23.5020

94.4651, 69.3314,
-26.1013

0.0000, INF, -NF

0.0000, NaN, NaN

107.4330, 71.0745,
-26.3888

0.0000, NaN, NaN

120.9453, 72.7253,

0.0000, NaN, NaN

-26.6228

134.9809, 74.2882,
-26.8052

■ 38.7713, 59.1992,
-23.8525

■ 38.7713, 59.1992,
-23.8525

■ 37.0267, 63.7534,
-24.3210

■ 41.2320, 52.7775,
-22.1597

■ 35.9763, 66.1505,
-23.5232

■ 44.3692, 45.0117,
-19.4498

■ 35.5937, 66.8671,
-22.8270

■ 48.1169, 36.4289,
-15.9788

■ 52.3977, 27.4525,
-11.9849

■ 57.1365, 18.3699,
-7.6541

■ 62.2663, 9.3513,
-3.1174

■ 67.7306, 0.4837,
1.5394

■ 73.4824, -8.1981,
6.2630

■ 79.4836, -16.6898,
11.0217

Harmonies

Analogous

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



38.7723, 34.5437, -64.0102



38.7713, 59.1992, -23.8525



38.7723, 65.6275, 7.3214

Triad

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



38.7723, 59.1967, -23.8510



38.7723, -7.8049, 26.2815



38.7723, -36.0799, -41.1524

Complementary

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



38.7713, 59.1992, -23.8525



60.5652, -46.2102, 29.6361

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.



38.7723, -41.8402, -3.9421



38.7713, 59.1992, -23.8525



38.7723, -28.7151, 24.6804

Square

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



38.7723, 59.1967, -23.8510



38.7723, 21.4027, 25.6941



38.7723, -39.5805, 17.3106



38.7723, -21.0194, -77.9736

Rectangle

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



38.7713, 59.1992, -23.8525



38.7723, 57.4854, 18.4741



38.7723, -39.5805, 17.3106



38.7723, -38.9445, -27.5719

Sweetspot

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



38.7723, 59.1967, -23.8510



78.1391, 21.5449, -8.7422



26.6790, 39.5457, -87.3497



35.8161, 11.6589, -4.8669



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



38.7723, 59.1967, -23.8510



48.5264, 87.7624, -32.0261



36.4965, 50.1569, 8.0111



31.0810, 2.1199, -0.2694



29.5636, 55.5695, -19.1988



5.9267, 11.2653, -4.8188

Inverse Universe

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



38.7723, 59.1967, -23.8510



48.5264, 87.7624, -32.0261



61.7979, -38.6672, 11.7006



31.0810, 2.1199, -0.2694



29.5636, 55.5695, -19.1988



5.9267, 11.2653, -4.8188

Previews

White Background



This preview shows how the HunterLab color 38.7713, 59.1992, -23.8525 looks on a white background.

Color Contrast Check

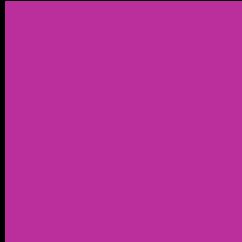
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7713, 59.1992, -23.8525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

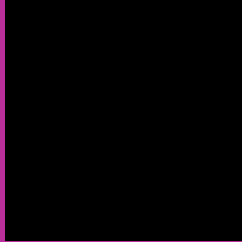
Any Text WCAG AA × Fail

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 38.7713, 59.1992, -23.8525 Background



This preview shows how black text looks on a background with the HunterLab color 38.7713, 59.1992, -23.8525.



This preview shows how white text looks on a background with the HunterLab color 38.7713, 59.1992, -23.8525.

-23.8525.

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

38.7713, 59.1992, -23.8525

Protanopia

39.4317, 11.6441, -63.2983

Deuteranopia

39.0214, 3.1295, -19.1033



Tritanopia

38.7536, 36.1854, 13.4860

Trichromacy



Original Color

38.7713, 59.1992, -23.8525

Protanomaly

35.9897, 25.3267, -55.7588

Deuteranomaly

36.7557, 23.6846, -24.8545

Tritanomaly

38.4651, 44.1327, 3.0339

Monochromacy



Original Color

38.7713, 59.1992, -23.8525

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

34.8868, 20.3491, -8.8892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7713, 59.1992, -23.8525 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(187, 47, 157)` looks like.

```
.text, #text, p{  
    color:rgb(187, 47, 157)  
}
```

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(187, 47, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 47, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7713, 59.1992, -23.8525 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(187, 47, 157) }
```


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

```
.border{ border-color:rgb(187, 47, 157) }
```

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

Here you see how a box with a 4 pixel rgb(187, 47, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 47, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 47, 157);  
box-shadow:4px 4px 4px 4px rgb(187, 47,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7713, 59.1992, -23.8525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 47, 157) }
```

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

```
.background{ background-color: rgb(187, 47,  
157) }
```

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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