

Converting Colors

Hex(62389D)

Have a look what the booklet for
Hex(62389D) contains.

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Color

Hex(62389D)

Conversions

Conversions Part 1

Format	Color
Hex	62389D
RGB	98, 56, 157
RGB Percent	38%, 22%, 62%
CMY	0.6157, 0.7804, 0.3843
CMYK	0.38, 0.64, 0.00, 0.38
HSL	265°, 47%, 42%
HSV	265°, 64%, 62%
XYZ	12.5370, 7.8593, 32.7545
YIQ	80.0720, -7.3890, 40.3150

Conversions

Conversions Part 2

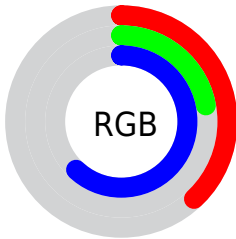
Format	Color
R_{YB}	98, 56, 157
Decimal	6437021
CIE _{Lab}	33.69, 40.35, -48.34
CIE _{LCh}	34, 62.965, 309.850
Yxy	7.8593, 0.2359, 0.1479
Android (android.graphics.Color)	4284627101 (0xFF62389D)
YUV	80.0720, 37.9255, 15.7229
Hunter-Lab	28.0345, 30.7645, -49.6482

Details

The Hex color **62389D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **739D38**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9969D4**, and **2C0669** is the 20% darker color. If you saturate the color by 10%, you get **59289D**, and if you desaturate by 10%, it is **6B489D**.

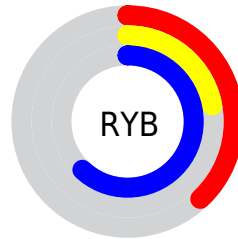
Distribution



Red (38%)

Green (22%)

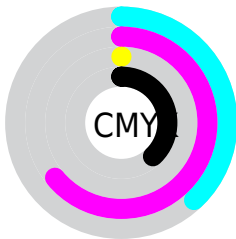
Blue (62%)



Red (38%)

Yellow (22%)

Blue (62%)

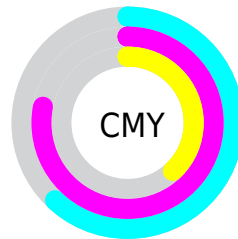


Cyan (38%)

Magenta (64%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (78%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62389D 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 Hex color 62389D by changing the saturation by 10% instead.

 62389D

 62389D

FFFFFF

 472082

 9969D4

 2C0669

 B583F1

 0E0050

 D19EFF

 000038

 EEB9FF

 000222

 FFD5FF

 000007

 FFF2FF

 000000

 62389D

 62389D

 59289D

 6B489D

■ 50199D

■ 74579D

■ 46099D

■ 7E679D

■ 41009D

■ 87779D

■ 90869D

■ 99969D

■ A2A69D

■ ABB69D

■ B5C59D

Harmonies

Analogous

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



0051B3



62389D



940D73

Triad

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



62389D



7C4000



00645F

Complementary

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



62389D



739D38

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.



00622A



62389D



535200

Square

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



62389D



992010



105D00



00638F

Rectangle

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



62389D



A20052



105D00



00634E

Sweetspot

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



62389D



B5A5CC



38759D



584F66



E6E6E6



666666

Same Dimension

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



62389D



702FCC



93389D



4A474F



3B008F



06000F

Inverse Universe

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



9D3873



CC2F8B



429D38



4F474C



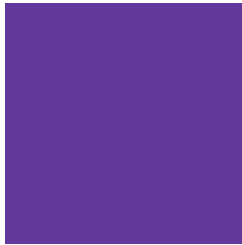
8F0053



0F0009

Previews

White Background



This preview shows how the Hex color 62389D 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

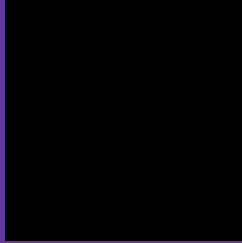
Any Text WCAG AA × Fail

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](#).

Hex 62389D Background



This preview shows how black text looks on a background with the Hex color 62389D.

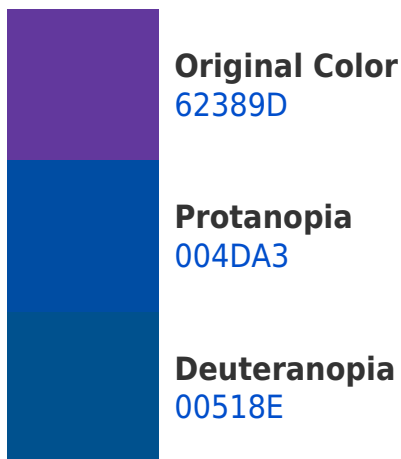



This preview shows how white text looks on a background with the Hex color 62389D.

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





Tritanopia
534E54

Trichromacy



Original Color
62389D

Protanomaly
2445A1

Deuteranomaly
244893

Tritanomaly
58466F

Monochromacy



Original Color
62389D

Achromatopsia
505050

Achromatomaly
57476C

CSS Examples

Text

The CSS property to change the color of the text to Hex 62389D 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 #62389D looks like.

```
.text, #text, p{  
    color:#62389D  
}
```

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 #62389D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62389D
}
```

Border

The CSS property to change the border of an element to Hex 62389D is called "border". The border property can be set on classes, ids or directly on the HTML element.

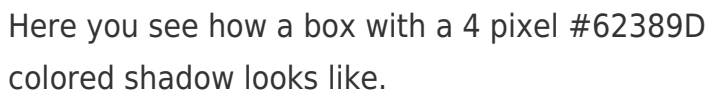
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62389D }
```

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

```
.border{ border-color:#62389D }
```

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



Here you see how a box with a 4 pixel #62389D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62389D; -webkit-box-shadow:4px 4px  
4px 4px #62389D; box-shadow:4px 4px 4px  
4px #62389D }
```

Background

The CSS property to change the background color of an element to Hex 62389D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62389D }
```

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

```
.background{ background-color:#62389D }
```

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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