

Converting Colors

Hex(66338F)

Have a look what the booklet for
Hex(66338F) contains.

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Color

Hex(66338F)

Conversions

Conversions Part 1

Format	Color
Hex	66338F
RGB	102, 51, 143
RGB Percent	40%, 20%, 56%
CMY	0.6000, 0.8000, 0.4392
CMYK	0.29, 0.64, 0.00, 0.44
HSL	273°, 47%, 38%
HSV	273°, 64%, 56%
XYZ	11.6212, 7.1756, 26.7591
YIQ	76.7370, 0.8640, 39.4240

Conversions

Conversions Part 2

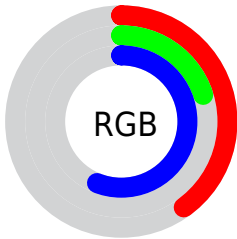
Format	Color
R _Y B	102, 51, 143
Decimal	6697871
CIE Lab	32.20, 40.39, -42.17
CIE LCh	32, 58.391, 313.769
Yxy	7.1756, 0.2551, 0.1575
Android (android.graphics.Color)	4284887951 (0xFF66338F)
YUV	76.7370, 32.6677, 22.1557
Hunter-Lab	26.7873, 30.5615, -40.4765

Details

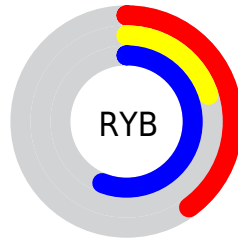
The Hex color **66338F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5C8F33**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9C65C5**, and **32005C** is the 20% darker color. If you saturate the color by 10%, you get **60258F**, and if you desaturate by 10%, it is **6C418F**.

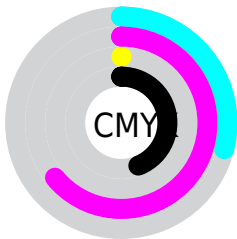
Distribution



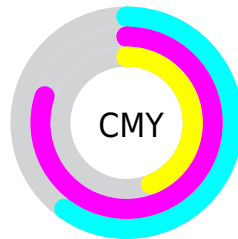
- Red (40%)
- Green (20%)
- Blue (56%)



- Red (40%)
- Yellow (20%)
- Blue (56%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (80%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66338F 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 66338F by changing the saturation by 10% instead.

66338F

66338F

FFFFFF

4C1A75

9C65C5

32005C

B87EE2

1A0044

D499FF

00002D

F1B4FF

000117

FFD0FF

000000

FFEDFF

66338F

66338F

60258F

6C418F

■ 59168F

■ 73508F

■ 53088F

■ 795E8F

■ 4F008F

■ 7F6C8F

■ 867B8F

■ 8C898F

■ 93978F

■ 99A58F

■ 9FB48F

Harmonies

Analogous

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



004BA6



66338F



8F0F67

Triad

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



66338F



724000



005F60

Complementary

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



66338F



5C8F33

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.



005D30



66338F



4A5000

Square

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



66338F



8E270A



025900



005E8B

Rectangle

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



66338F



990048



025900



005F51

Sweetspot

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



66338F



AA97BA



335C8F



55495E



DEDEDE



5E5E5E

Same Dimension

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



66338F



7A2BBA



8F338A



444047



4B0087



040008

Inverse Universe

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



8F335C



BA2B6B



338F38



474043



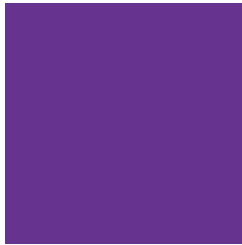
87003C



080003

Previews

White Background



This preview shows how the Hex color 66338F looks on a white background.

Color Contrast Check

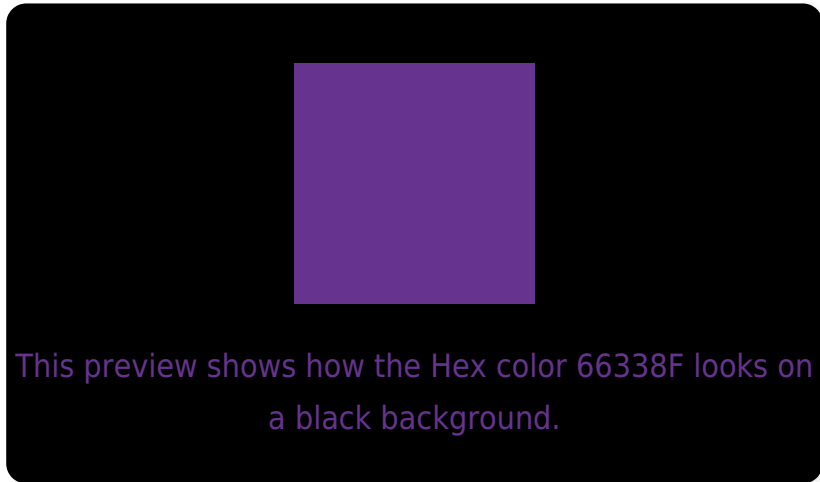
Large Text (above 18pt) WCAG AA ✓ Pass

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

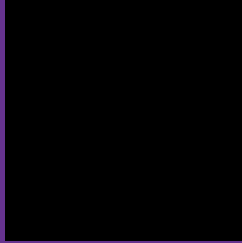
Any Text WCAG AA × Fail

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 66338F Background



This preview shows how black text looks on a background with the Hex color 66338F.



This preview shows how white text looks on a background with the Hex color 66338F.

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
66338F

Deuteranopia
054E8A

Tritanopia
5A474D

Trichromacy



Original Color
66338F

Deuteranomaly
28448C

Tritanomaly
5E4065

Monochromacy



Original Color
66338F

Achromatopsia
4D4D4D

Achromatomaly
564465

CSS Examples

Text

The CSS property to change the color of the text to Hex 66338F 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 #66338F looks like.

```
.text, #text, p{  
    color:#66338F  
}
```

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 #66338F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66338F
}
```

Border

The CSS property to change the border of an element to Hex 66338F is called "border". The border property can be set on classes, ids or directly on the HTML element.

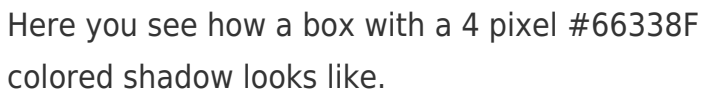
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66338F }
```

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

```
.border{ border-color:#66338F }
```

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



Here you see how a box with a 4 pixel #66338F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66338F; -webkit-box-shadow:4px 4px  
4px 4px #66338F; box-shadow:4px 4px 4px  
4px #66338F }
```

Background

The CSS property to change the background color of an element to Hex 66338F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66338F }
```

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

```
.background{ background-color:#66338F }
```

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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