

Converting Colors

Hex(603D88)

Have a look what the booklet for
Hex(603D88) contains.

Hex(603D88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(603D88)

Conversions

Conversions Part 1

Format	Color
Hex	603D88
RGB	96, 61, 136
RGB Percent	38%, 24%, 53%
CMY	0.6235, 0.7608, 0.4667
CMYK	0.29, 0.55, 0.00, 0.47
HSL	268°, 38%, 39%
HSV	268°, 55%, 53%
XYZ	10.9365, 7.6019, 24.1834
YIQ	80.0150, -3.2150, 30.7450

Conversions

Conversions Part 2

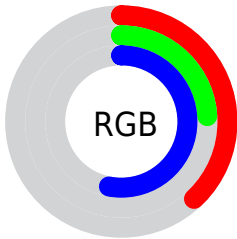
Format	Color
R_{YB}	96, 61, 136
Decimal	6307208
CIE _{Lab}	33.14, 31.38, -36.40
CIE _{LCh}	33, 48.059, 310.771
Yxy	7.6019, 0.2560, 0.1779
Android (android.graphics.Color)	4284497288 (0xFF603D88)
YUV	80.0150, 27.6006, 14.0188
Hunter-Lab	27.5715, 22.5541, -32.7043

Details

The Hex color **603D88** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **65883D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **956EBE**, and **2E0F56** is the 20% darker color. If you saturate the color by 10%, you get **592F88**, and if you desaturate by 10%, it is **674B88**.

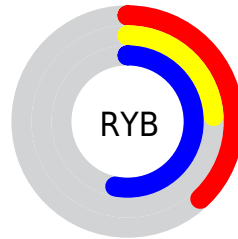
Distribution



Red (38%)

Green (24%)

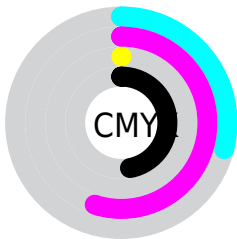
Blue (53%)



Red (38%)

Yellow (24%)

Blue (53%)

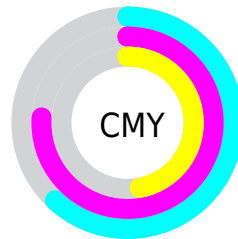


Cyan (29%)

Magenta (55%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 603D88 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 603D88 by changing the saturation by 10% instead.

 603D88

 603D88

FFFFFF

 47266E

 956EBE

 2E0F56

 B087DA

 17003E

 CCA2F7

 000127

 E9BDFF

 000111

 FFD9FF

 000000

 FFF6FF

 603D88

 603D88

 592F88

 674B88

■ 512288

■ 6F5888

■ 4A1488

■ 766688

■ 430788

■ 7D7388

■ 3F0088

■ 848188

■ 8C8F88

■ 939C88

■ 9AAA88

■ A1B788

Harmonies

Analogous

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



004E99



603D88



852A68

Triad

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



603D88



724300



005F5B

Complementary

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



603D88



65883D

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.



005D33



603D88



525100

Square

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



603D88



89311E



27590B



005E7F

Rectangle

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



603D88



8F234F



27590B



005F4E

Sweetspot

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



603D88



A092B0



3D6588



504759



D9D9D9



595959

Same Dimension

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



603D88



723CB0



863D88



413E45



3E0085



020005

Inverse Universe

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



883D65



B03C7A



40883D



453E42



850047



050003

Previews

White Background



This preview shows how the Hex color 603D88 looks on a white background.

Color Contrast Check

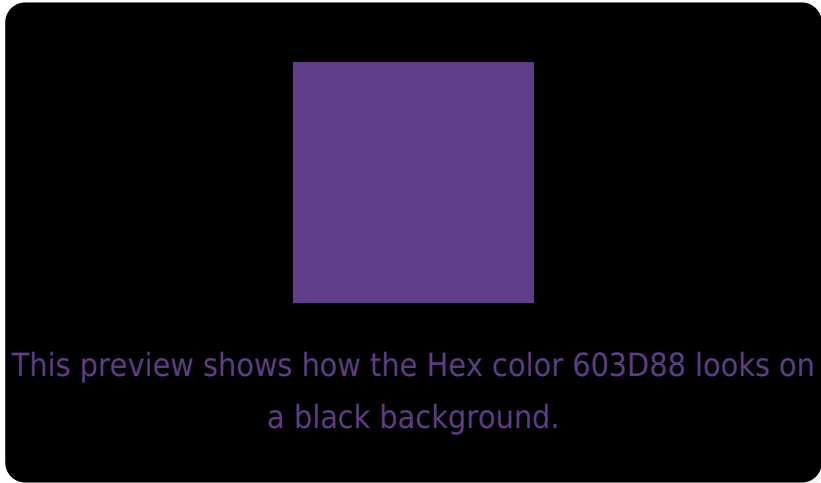
Large Text (above 18pt) WCAG AA ✓ Pass

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 603D88 Background



This preview shows how black text looks on a background with the Hex color 603D88.

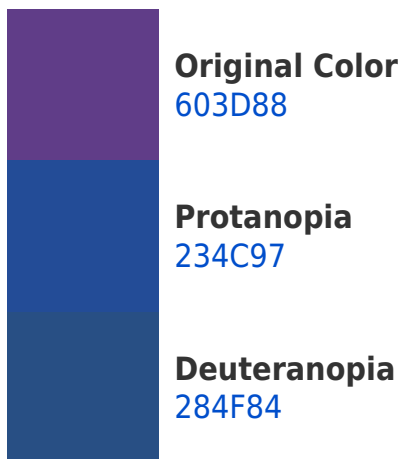


This preview shows how white text looks on a background with the Hex color 603D88.

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
564B51

Trichromacy



Original Color
603D88

Protanomaly
394792

Deuteranomaly
3C4885

Tritanomaly
5A4665

Monochromacy



Original Color
603D88

Achromatopsia
505050

Achromatomaly
564964

CSS Examples

Text

The CSS property to change the color of the text to Hex 603D88 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 #603D88 looks like.

```
.text, #text, p{  
    color:#603D88  
}
```

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 #603D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603D88
}
```

Border

The CSS property to change the border of an element to Hex 603D88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

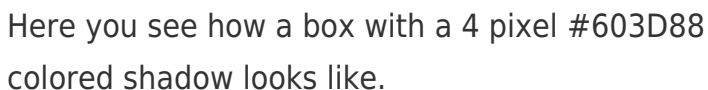
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603D88 }
```

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

```
.border{ border-color:#603D88 }
```

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



Here you see how a box with a 4 pixel #603D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603D88; -webkit-box-shadow:4px 4px  
4px 4px #603D88; box-shadow:4px 4px 4px  
4px #603D88 }
```

Background

The CSS property to change the background color of an element to Hex 603D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603D88 }
```

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

```
.background{ background-color:#603D88 }
```

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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