

Converting Colors

Hex(603A86)

Have a look what the booklet for
Hex(603A86) contains.

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Color

Hex(603A86)

Conversions

Conversions Part 1

Format	Color
Hex	603A86
RGB	96, 58, 134
RGB Percent	38%, 23%, 53%
CMY	0.6235, 0.7725, 0.4745
CMYK	0.28, 0.57, 0.00, 0.47
HSL	270°, 40%, 38%
HSV	270°, 57%, 53%
XYZ	10.6400, 7.2341, 23.3898
YIQ	78.0260, -1.7480, 31.6920

Conversions

Conversions Part 2

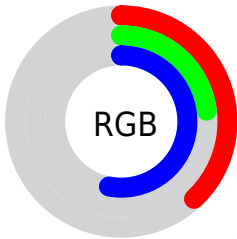
Format	Color
R_{YB}	96, 58, 134
Decimal	6306438
CIE _{Lab}	32.33, 32.64, -36.45
CIE _{LCh}	32, 48.924, 311.845
Yxy	7.2341, 0.2579, 0.1753
Android (android.graphics.Color)	4284496518 (0xFF603A86)
YUV	78.0260, 27.5952, 15.7632
Hunter-Lab	26.8964, 23.5447, -32.7327

Details

The Hex color **603A86** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **60863A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **956BBC**, and **2E0C54** is the 20% darker color. If you saturate the color by 10%, you get **592D86**, and if you desaturate by 10%, it is **674786**.

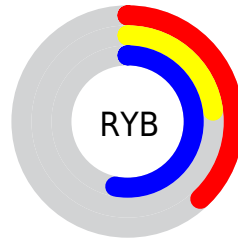
Distribution



Red (38%)

Green (23%)

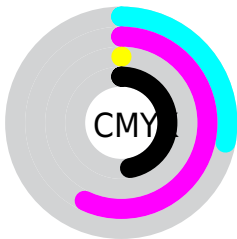
Blue (53%)



Red (38%)

Yellow (23%)

Blue (53%)

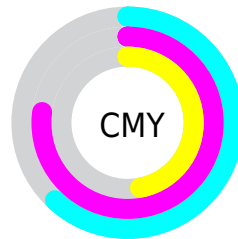


Cyan (28%)

Magenta (57%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (77%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 603A86 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 603A86 by changing the saturation by 10% instead.

 603A86

 603A86

FFFFFF

 47236C


 956BBC

 2E0C54

 B084D8

 18003C

 CC9FF4

 000225

 E9BAFF

 00010E

 FFD6FF

 000000

 FFF3FF

 603A86

 603A86

 592D86

 674786

■ 531F86

■ 6D5586

■ 4C1286

■ 746286

■ 450486

■ 7B7086

■ 430086

■ 827D86

■ 888A86

■ 8F9886

■ 96A586

■ 9CB386

Harmonies

Analogous

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



004C98



603A86



842665

Triad

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



603A86



704100



005D5B

Complementary

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



603A86



60863A

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.



005C32



603A86



4F4F00

Square

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



603A86



872F1A



215708



005C7F

Rectangle

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



603A86



8E1F4B



215708



005D4D

Sweetspot

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



603A86



9F90AD



3A6086



4E4557



D6D6D6



575757

Same Dimension

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



603A86



7237AD



863A86



3F3C42



410082



010003

Inverse Universe

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



863A60



AD3772



3A863A



423C3F



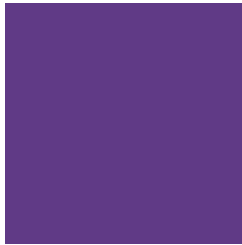
820041



030001

Previews

White Background



This preview shows how the Hex color 603A86 looks on a white background.

Color Contrast Check

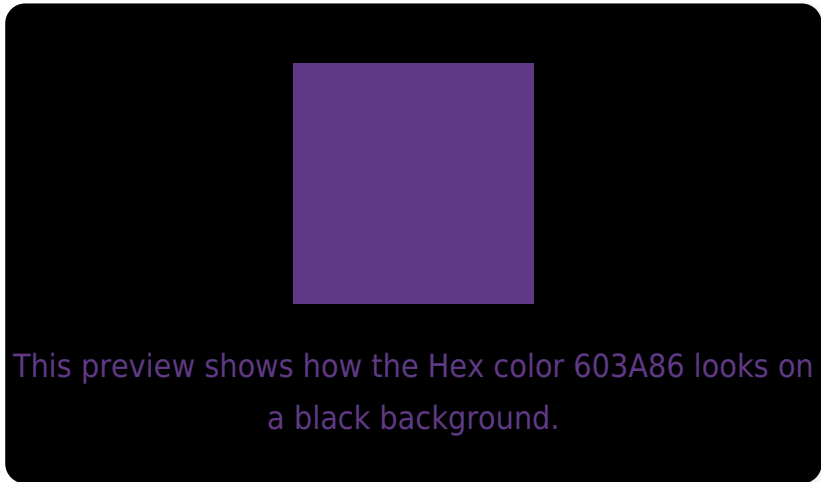
Large Text (above 18pt) WCAG AA ✓ Pass

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

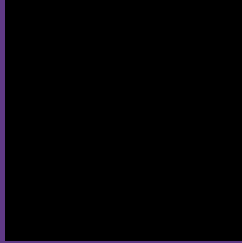
Any Text WCAG AA × Fail

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 603A86 Background



This preview shows how black text looks on a background with the Hex color 603A86.

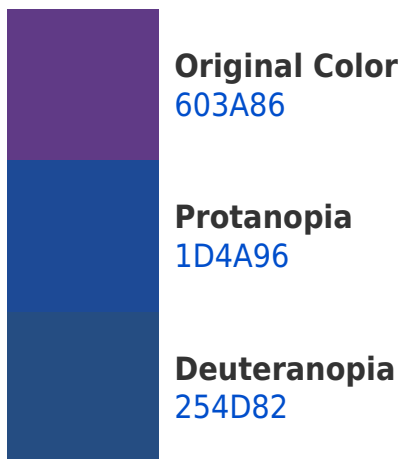



This preview shows how white text looks on a background with the Hex color 603A86.

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
56494E

Trichromacy



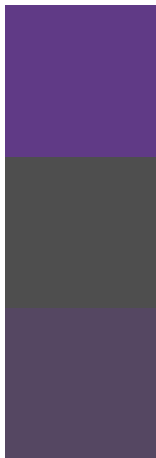
Original Color
603A86

Protanomaly
354490

Deuteranomaly
3A4683

Tritanomaly
5A4462

Monochromacy



Original Color
603A86

Achromatopsia
4E4E4E

Achromatomaly
554762

CSS Examples

Text

The CSS property to change the color of the text to Hex 603A86 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 #603A86 looks like.

```
.text, #text, p{  
    color:#603A86  
}
```

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 #603A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603A86
}
```

Border

The CSS property to change the border of an element to Hex 603A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

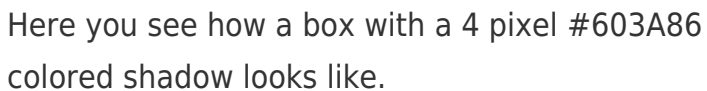
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603A86 }
```

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

```
.border{ border-color:#603A86 }
```

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



Here you see how a box with a 4 pixel #603A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603A86; -webkit-box-shadow:4px 4px  
4px 4px #603A86; box-shadow:4px 4px 4px  
4px #603A86 }
```

Background

The CSS property to change the background color of an element to Hex 603A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603A86 }
```

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

```
.background{ background-color:#603A86 }
```

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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