

Converting Colors

Hex(604583)

Have a look what the booklet for
Hex(604583) contains.

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Color

Hex(604583)

Conversions

Conversions Part 1

Format	Color
Hex	604583
RGB	96, 69, 131
RGB Percent	38%, 27%, 51%
CMY	0.6235, 0.7294, 0.4863
CMYK	0.27, 0.47, 0.00, 0.49
HSL	266°, 31%, 39%
HSV	266°, 47%, 51%
XYZ	11.0487, 8.3817, 22.5082
YIQ	84.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

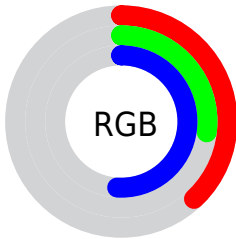
Format	Color
RYB	96, 69, 131
Decimal	6309251
CIELab	34.77, 25.20, -30.73
CIElCh	35, 39.744, 309.359
Yxy	8.3817, 0.2634, 0.1999
Android (android.graphics.Color)	4284499331 (0xFF604583)
YUV	84.1410, 23.1015, 10.4003
Hunter-Lab	28.9512, 17.4567, -25.8294

Details

The Hex color **604583** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **688345**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9476B8**, and **2F1851** is the 20% darker color. If you saturate the color by 10%, you get **593883**, and if you desaturate by 10%, it is **675283**.

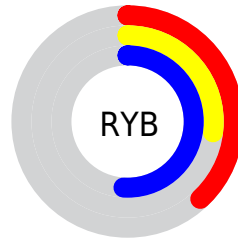
Distribution



Red (38%)

Green (27%)

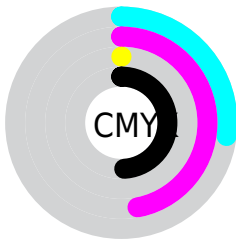
Blue (51%)



Red (38%)

Yellow (27%)

Blue (51%)

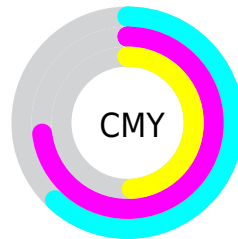


Cyan (27%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (62%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604583 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 604583 by changing the saturation by 10% instead.

■ 604583

■ 604583

FFFFFF

■ 472E6A

■ 9476B8

■ 2F1851

■ AF90D4

■ 18013A

■ CBAAF1

■ 000024

■ E8C6FF

■ 00000B

■ FFE2FF

■ 000000

■ 604583

■ 604583

■ 593883

■ 675283

■ 512B83

■ 6F5F83

■ 4A1E83

■ 766C83

■ 421183

■ 7E7983

■ 3B0483

■ 858783

■ 390083

■ 8C9483

■ 94A183

■ 9BAE83

■ A3BB83

Harmonies

Analogous

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



205290



604583



7F3869

Triad

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



604583



744813



00615B

Complementary

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



604583



688345

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.



005F3A



604583



59530A

Square

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



604583



863B2B



375B1D



006079

Rectangle

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



604583



893454



375B1D



006150

Sweetspot

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



604583



9D93AB



456883



4E4857



D6D6D6



575757

Same Dimension

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



604583



7449AB



7F4583



3F3C42



390082



010003

Inverse Universe

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



834568



AB4980



498345



423C3F



820049



030001

Previews

White Background



This preview shows how the Hex color 604583 looks on a white background.

Color Contrast Check

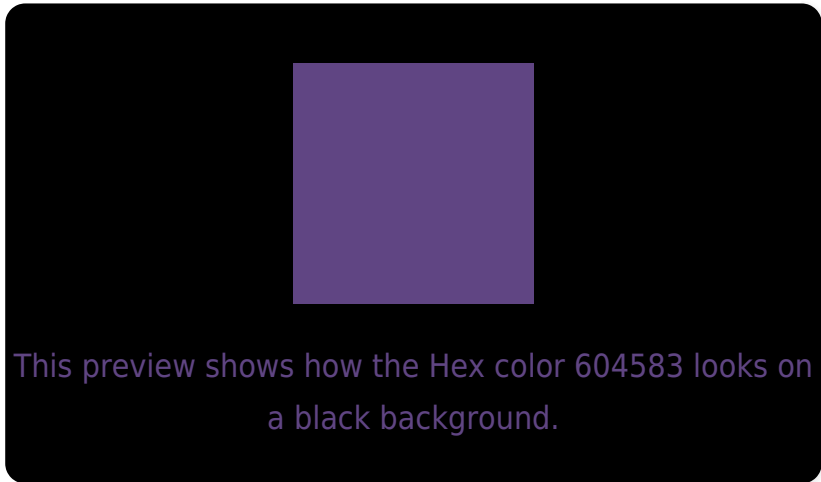
Large Text (above 18pt) WCAG AA ✓ Pass

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

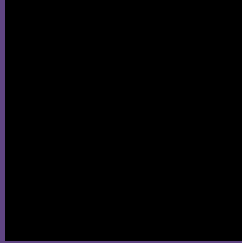
Any Text WCAG AA × Fail

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 604583 Background



This preview shows how black text looks on a background with the Hex color 604583.

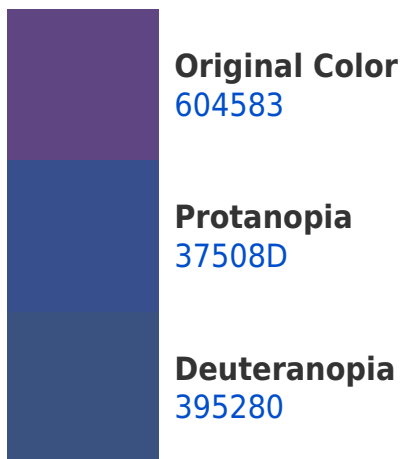


This preview shows how white text looks on a background with the Hex color 604583.

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
585056

Trichromacy



Original Color
604583

Protanomaly
464C89

Deuteranomaly
474D81

Tritanomaly
5B4C66

Monochromacy



Original Color
604583

Achromatopsia
545454

Achromatomaly
584F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 604583 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 #604583 looks like.

```
.text, #text, p{  
    color:#604583  
}
```

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 #604583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604583
}
```

Border

The CSS property to change the border of an element to Hex 604583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

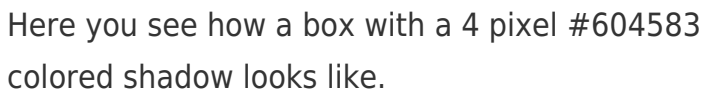
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604583 }
```

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

```
.border{ border-color:#604583 }
```

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



Here you see how a box with a 4 pixel #604583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604583; -webkit-box-shadow:4px 4px  
4px 4px #604583; box-shadow:4px 4px 4px  
4px #604583 }
```

Background

The CSS property to change the background color of an element to Hex 604583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604583 }
```

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

```
.background{ background-color:#604583 }
```

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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