

Converting Colors

Hex(600458)

Have a look what the booklet for
Hex(600458) contains.

Hex(600458)	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(600458)

Conversions

Conversions Part 1

Format	Color
Hex	600458
RGB	96, 4, 88
RGB Percent	38%, 2%, 35%
CMY	0.6235, 0.9843, 0.6549
CMYK	0.00, 0.96, 0.08, 0.62
HSL	305°, 92%, 20%
HSV	305°, 96%, 38%
XYZ	6.6287, 3.2782, 9.5159
YIQ	41.0840, 27.8680, 45.6280

Conversions

Conversions Part 2

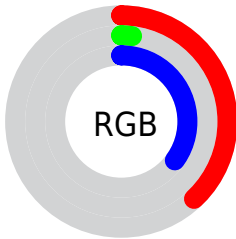
Format	Color
RYB	96, 4, 88
Decimal	6292568
CIELab	21.13, 45.79, -24.75
CIELCh	21, 52.047, 331.611
Yxy	3.2782, 0.3413, 0.1688
Android (android.graphics.Color)	4284482648 (0xFF600458)
YUV	41.0840, 23.1296, 48.1613
Hunter-Lab	18.1058, 33.6656, -18.4870

Details

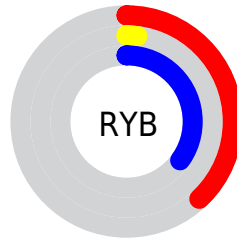
The Hex color **600458** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **04600C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **96408A**, and **30002A** is the 20% darker color. If you saturate the color by 10%, you get **600058**, and if you desaturate by 10%, it is **600E59**.

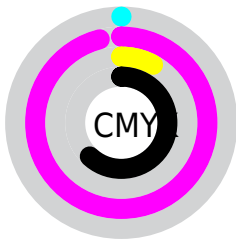
Distribution



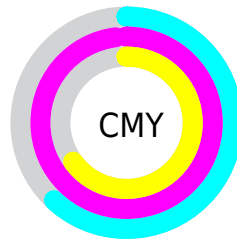
- Red (38%)
- Green (2%)
- Blue (35%)



- Red (38%)
- Yellow (2%)
- Blue (35%)



- Cyan (0%)
- Magenta (96%)
- Yellow (8%)
- Black (62%)



- Cyan (62%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 600458 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 600458 by changing the saturation by 10% instead.

600458

600458

FFFFFF

460040

96408A

30002A

B15AA5

090014

CE74C0

000000

EB8FDC

FFAAF9

FFC6FF

FFE3FF

600458

600458

600058

600E59

60175A

60215B

602A5B

60345C

603E5D

60475E

60515F

605A60

Harmonies

Analogous

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



2C2775



600458



720033

Triad

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



600458



3E3200



00425A

Complementary

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



600458



04600C

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.



004234



600458



143B00

Square

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



600458



5B2100



004008



004077

Rectangle

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



600458



71001A



004008



00424E

Sweetspot

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



600458



7D597A



0C0460



40293E



BFBFBF



404040

Same Dimension

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



600458



7D0072



60042A



302C30



700066



F000DB

Inverse Universe

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



600458



7D0072



04603A



302C30



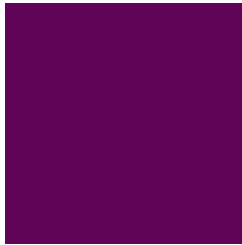
700066



F000DB

Previews

White Background



This preview shows how the Hex color 600458 looks on a white background.

Color Contrast Check

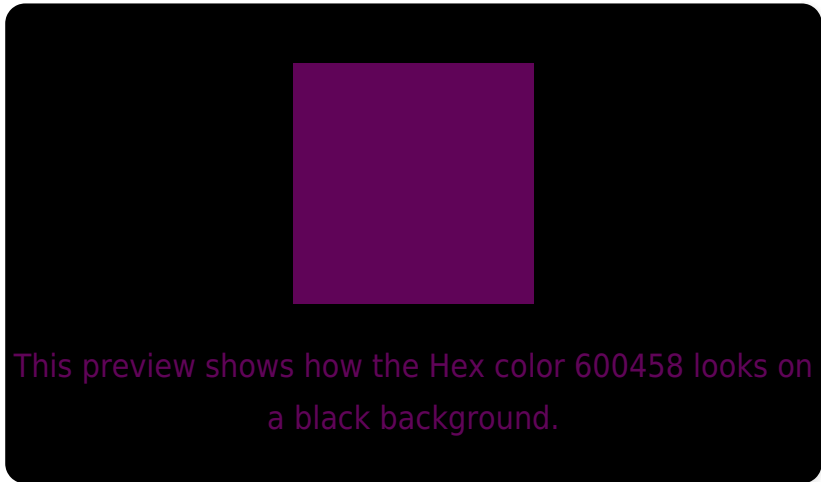
Large Text (above 18pt) WCAG AA ✓ Pass

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

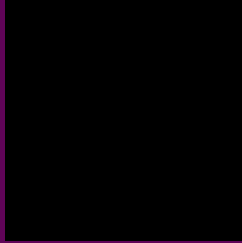
Any Text WCAG AA × Fail

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 600458 Background



This preview shows how black text looks on a background with the Hex color 600458.



This preview shows how white text looks on a background with the Hex color 600458.

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
600458

Protanopia
00346E

Deuteranopia
283653



Tritanopia
5B2325

Trichromacy



Original Color
600458



Protanomaly
232366



Deuteranomaly
3C2455

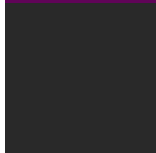


Tritanomaly
5D1838

Monochromacy



Original Color
600458



Achromatopsia
292929



Achromatomaly
3D1C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 600458 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 #600458 looks like.

```
.text, #text, p{  
    color:#600458  
}
```

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 #600458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600458
}
```

Border

The CSS property to change the border of an element to Hex 600458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

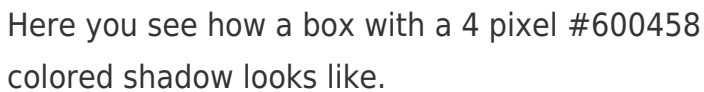
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600458 }
```

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

```
.border{ border-color:#600458 }
```

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



Here you see how a box with a 4 pixel #600458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600458; -webkit-box-shadow:4px 4px  
4px 4px #600458; box-shadow:4px 4px 4px  
4px #600458 }
```

Background

The CSS property to change the background color of an element to Hex 600458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600458 }
```

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

```
.background{ background-color:#600458 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor