

Converting Colors

Hex(6C2586)

Have a look what the booklet for
Hex(6C2586) contains.

Hex(6C2586)	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(6C2586)

Conversions

Conversions Part 1

Format	Color
Hex	6C2586
RGB	108, 37, 134
RGB Percent	42%, 15%, 53%
CMY	0.5765, 0.8549, 0.4745
CMYK	0.19, 0.72, 0.00, 0.47
HSL	284°, 57%, 34%
HSV	284°, 72%, 53%
XYZ	11.1490, 6.2325, 23.1696
YIQ	69.2870, 11.1790, 45.2190

Conversions

Conversions Part 2

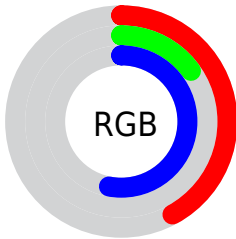
Format	Color
RYB	108, 37, 134
Decimal	7087494
CIELab	29.99, 46.52, -40.11
CIELCh	30, 61.420, 319.232
Yxy	6.2325, 0.2749, 0.1537
Android (android.graphics.Color)	4285277574 (0xFF6C2586)
YUV	69.2870, 31.9035, 33.9513
Hunter-Lab	24.9650, 36.0266, -37.5506

Details

The Hex color **6C2586** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3F8625**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A259BC**, and **380053** is the 20% darker color. If you saturate the color by 10%, you get **681886**, and if you desaturate by 10%, it is **703286**.

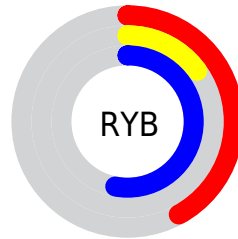
Distribution



Red (42%)

Green (15%)

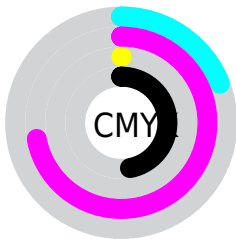
Blue (53%)



Red (42%)

Yellow (15%)

Blue (53%)

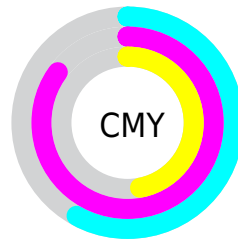


Cyan (19%)

Magenta (72%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (85%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C2586 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 6C2586 by changing the saturation by 10% instead.

 6C2586

 6C2586

FFFFFF

 52056C


 A259BC

 380053

 BE73D8

 23003C

 DB8DF5

 000025

 F8A8FF

 00010D

 FFC4FF

 000000

 FFE1FF

 FFFEFF

 6C2586

 6C2586

681886

703286

650A86

734086

620086

774D86

7A5B86

7E6886

827586

858386

899086

8C9E86

Harmonies

Analogous

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



0042A3



6C2586



90005A

Triad

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



6C2586



653F00



005A65

Complementary

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



6C2586



3F8625

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.



005933



6C2586



3B4E00

Square

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



6C2586



852400



005500



00598F

Rectangle

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



6C2586



97003A



005500



005A55

Sweetspot

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



6C2586



A387AD



254086



514057



D6D6D6



575757

Same Dimension

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



6C2586



8517AD



862571



413C42



5F0082



020003

Inverse Universe

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



86253F



AD173F



25863A



423C3D



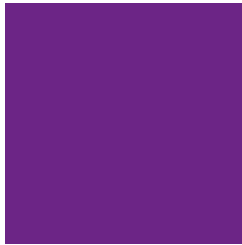
820023



030001

Previews

White Background



This preview shows how the Hex color 6C2586 looks on a white background.

Color Contrast Check

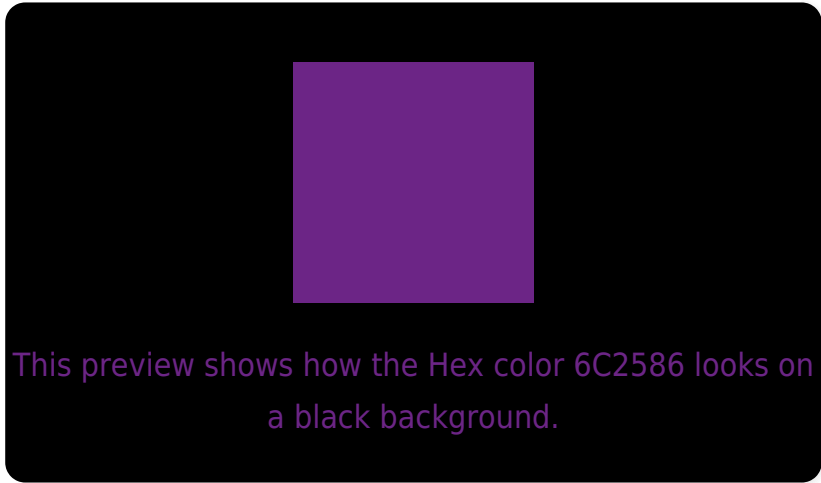
Large Text (above 18pt) WCAG AA ✓ Pass

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

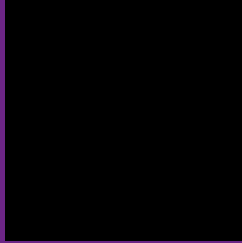
Any Text WCAG AA × Fail

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 6C2586 Background



This preview shows how black text looks on a background with the Hex color 6C2586.



This preview shows how white text looks on a background with the Hex color 6C2586.

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
6C2586

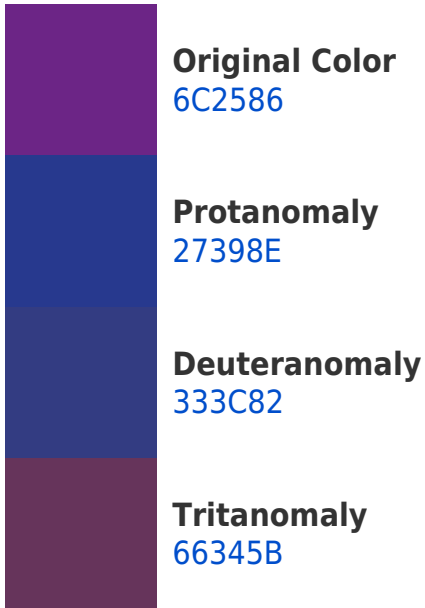
Protanopia
004592

Deuteranopia
124980

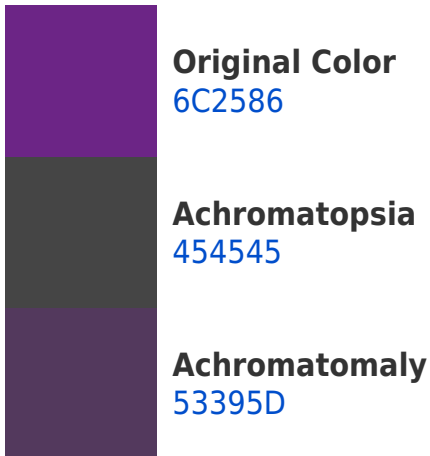


Tritanopia
623D42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C2586 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 #6C2586 looks like.

```
.text, #text, p{  
    color:#6C2586  
}
```

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 #6C2586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2586
}
```

Border

The CSS property to change the border of an element to Hex 6C2586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

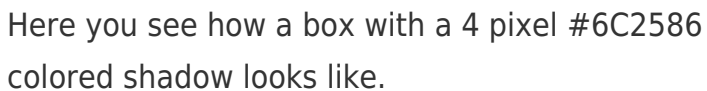
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C2586 }
```

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

```
.border{ border-color:#6C2586 }
```

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



Here you see how a box with a 4 pixel #6C2586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2586; -webkit-box-shadow:4px 4px  
4px 4px #6C2586; box-shadow:4px 4px 4px  
4px #6C2586 }
```

Background

The CSS property to change the background color of an element to Hex 6C2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2586 }
```

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

```
.background{ background-color:#6C2586 }
```

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