

Converting Colors

Hex(45609F)

Have a look what the booklet for
Hex(45609F) contains.

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Color

Hex(45609F)

Conversions

Conversions Part 1

Format	Color
Hex	45609F
RGB	69, 96, 159
RGB Percent	27%, 38%, 62%
CMY	0.7294, 0.6235, 0.3765
CMYK	0.57, 0.40, 0.00, 0.38
HSL	222°, 39%, 45%
HSV	222°, 57%, 62%
XYZ	12.8951, 12.1342, 34.4634
YIQ	95.1090, -36.3150, 13.8690

Conversions

Conversions Part 2

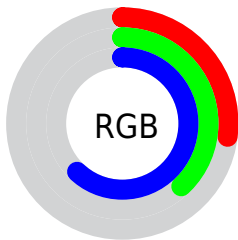
Format	Color
R_{YB}	69, 90, 159
Decimal	4546719
CIE _{Lab}	41.43, 9.38, -37.29
CIE _{LCh}	41, 38.448, 284.127
Yxy	12.1342, 0.2168, 0.2040
Android (android.graphics.Color)	4282736799 (0xFF45609F)
YUV	95.1090, 31.4983, -22.8976
Hunter-Lab	34.8341, 5.1186, -34.2751

Details

The Hex color **45609F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F8445**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7C92D6**, and **00326B** is the 20% darker color. If you saturate the color by 10%, you get **35559F**, and if you desaturate by 10%, it is **556B9F**.

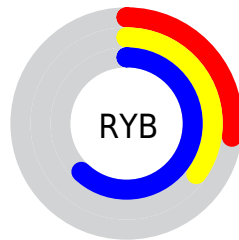
Distribution



Red (27%)

Green (38%)

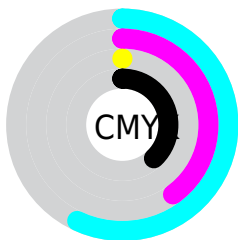
Blue (62%)



Red (27%)

Yellow (35%)

Blue (62%)

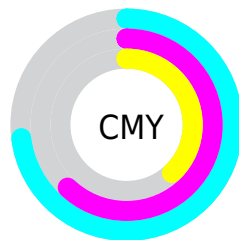


Cyan (57%)

Magenta (40%)

Yellow (0%)

Black (38%)



Cyan (73%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45609F 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 45609F by changing the saturation by 10% instead.

■ 45609F

■ 45609F

FFFFFF

■ 284985

■ 7C92D6

■ 00326B

■ 97ADF3

■ 001E52

■ B3C8FF

■ 00033B

■ D0E4FF

■ 000225

■ EDFFFF

■ 00010D

■ 000000

■ 45609F

■ 45609F

■ 35559F

■ 556B9F

■ 254A9F

■ 65769F

■ 153F9F

■ 75819F

■ 05339F

■ 858D9F

■ 00309F

■ 95989F

■ A4A39F

■ B4AE9F

■ C4B99F

■ D4C49F

Harmonies

Analogous

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



006A9E



45609F



77538F

Triad

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



45609F



954E37



00704F

Complementary

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



45609F



9F8445

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.



426C32



45609F



815A23

Square

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



45609F



9C4654



656520



007170

Rectangle

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



45609F



8C4B7E



656520



1F6F45

Sweetspot

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



45609F



ABB6CF



459F84



545A69



E8E8E8



696969

Same Dimension

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



45609F



426CCF



57459F



474A4F



002B8F



00050F

Inverse Universe

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



9F4560



CF426C



8D9F45



4F474A



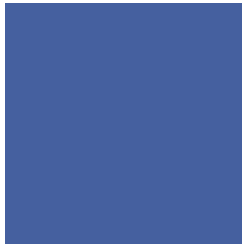
8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 45609F looks on a white background.

Color Contrast Check

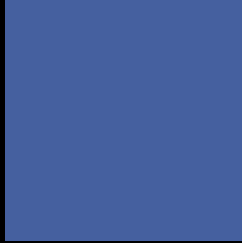
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 45609F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

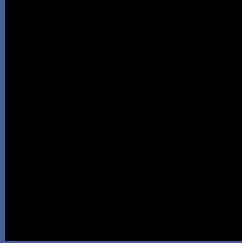
Any Text WCAG AA × Fail

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 45609F Background



This preview shows how black text looks on a background with the Hex color 45609F.



This preview shows how white text looks on a background with the Hex color 45609F.

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

45609F

Protanopia

485F9E

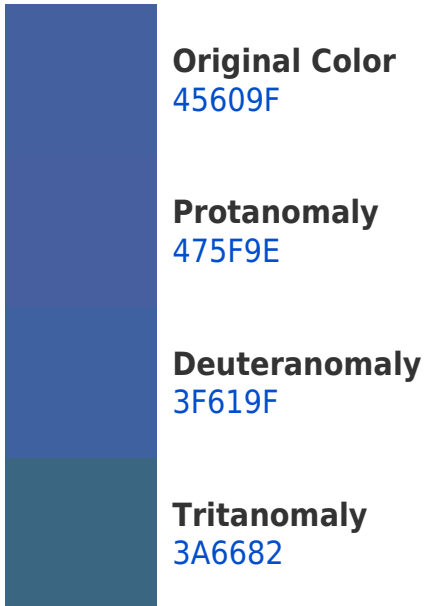
Deuteranopia

3C629F

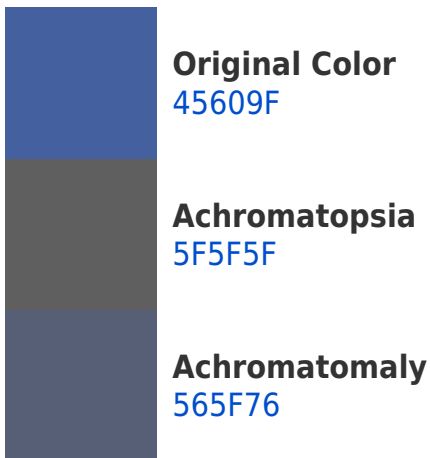


Tritanopia
336A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45609F 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 #45609F looks like.

```
.text, #text, p{  
    color:#45609F  
}
```

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 #45609F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45609F
}
```

Border

The CSS property to change the border of an element to Hex 45609F 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
#45609F }
```

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

```
.border{ border-color:#45609F }
```

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

Here you see how a box with a 4 pixel #45609F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45609F; -webkit-box-shadow:4px 4px  
4px 4px #45609F; box-shadow:4px 4px 4px  
4px #45609F }
```

Background

The CSS property to change the background color of an element to Hex 45609F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45609F }
```

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

```
.background{ background-color:#45609F }
```

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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