

Converting Colors

Hex(576594)

Have a look what the booklet for
Hex(576594) contains.

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Color

Hex(576594)

Conversions

Conversions Part 1

Format	Color
Hex	576594
RGB	87, 101, 148
RGB Percent	34%, 40%, 58%
CMY	0.6588, 0.6039, 0.4196
CMYK	0.41, 0.32, 0.00, 0.42
HSL	226°, 26%, 46%
HSV	226°, 41%, 58%
XYZ	13.9295, 13.4717, 29.8831
YIQ	102.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

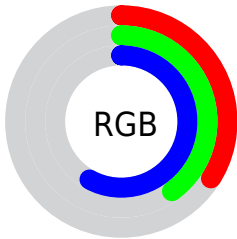
Format	Color
RYB	87, 98, 148
Decimal	5727636
CIELab	43.47, 7.30, -27.45
CIELCh	43, 28.399, 284.889
Yxy	13.4717, 0.2432, 0.2352
Android (android.graphics.Color)	4283917716 (0xFF576594)
YUV	102.1720, 22.5932, -13.3058
Hunter-Lab	36.7038, 3.5107, -22.5794

Details

The Hex color **576594** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **948657**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8B98CA**, and **243761** is the 20% darker color. If you saturate the color by 10%, you get **485A94**, and if you desaturate by 10%, it is **667094**.

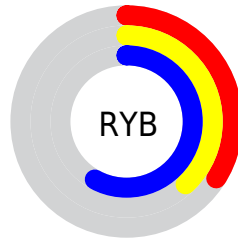
Distribution



Red (34%)

Green (40%)

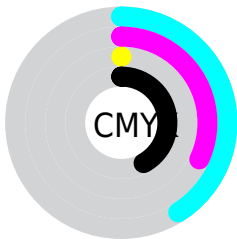
Blue (58%)



Red (34%)

Yellow (38%)

Blue (58%)

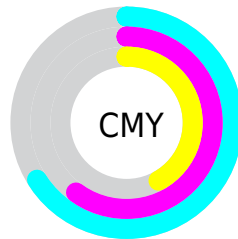


Cyan (41%)

Magenta (32%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576594 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 576594 by changing the saturation by 10% instead.

■ 576594

■ 576594

FFFFFF

■ 3E4D7A

■ 8B98CA

■ 243761

■ A6B2E6

■ 072249

■ C2CEFF

■ 000B32

■ DEEAFF

■ 00021D

■ FBFFFF

■ 000000

■ 576594

■ 576594

■ 485A94

■ 667094

■ 394E94

■ 757C94

■ 2B4394

■ 838794

■ 1C3794

■ 929394

■ 0D2C94

■ A19E94

■ 002294

■ B0A994

■ BFB594

■ CDC094

■ DCCC94

Harmonies

Analogous

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



2B6D94



576594



785C88

Triad

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



576594



8F5947



30725A

Complementary

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



576594



948657

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.



506F44



576594



806139

Square

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



576594



94545C



6A6938



007372

Rectangle

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



576594



87577B



6A6938



3C7152

Sweetspot

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



576594



A8AEBF



579486



535661



E0E0E0



616161

Same Dimension

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



576594



6277BF



675794



43444A



00208A



00020A

Inverse Universe

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



945765



BF6277



849457



4A4344



8A0020



0A0002

Previews

White Background



This preview shows how the Hex color 576594 looks on a white background.

Color Contrast Check

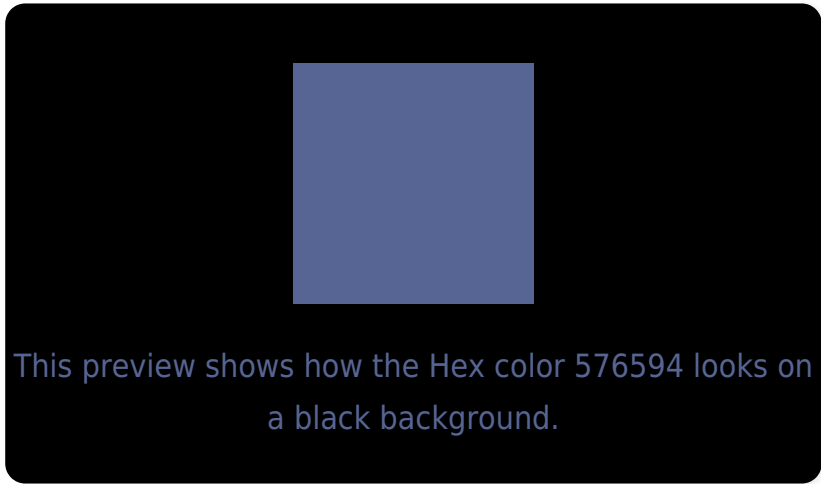
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

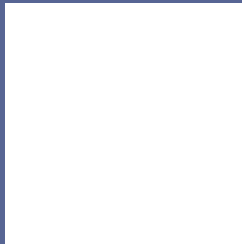
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 576594 Background



This preview shows how black text looks on a background with the Hex color 576594.



This preview shows how white text looks on a background with the Hex color 576594.

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
576594

Protanopia
576594

Deuteranopia
556694



Tritanopia
4F6B74

Trichromacy



Original Color

576594

Protanomaly

576594

Deuteranomaly

566694

Tritanomaly

526980

Monochromacy



Original Color

576594

Achromatopsia

666666

Achromatomaly

616677

CSS Examples

Text

The CSS property to change the color of the text to Hex 576594 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 #576594 looks like.

```
.text, #text, p{  
    color:#576594  
}
```

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 #576594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576594
}
```

Border

The CSS property to change the border of an element to Hex 576594 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
#576594 }
```

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

```
.border{ border-color:#576594 }
```

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

Here you see how a box with a 4 pixel #576594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576594; -webkit-box-shadow:4px 4px  
4px 4px #576594; box-shadow:4px 4px 4px  
4px #576594 }
```

Background

The CSS property to change the background color of an element to Hex 576594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576594 }
```

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

```
.background{ background-color:#576594 }
```

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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