

Converting Colors

Hex(576491)

Have a look what the booklet for
Hex(576491) contains.

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Color

Hex(576491)

Conversions

Conversions Part 1

Format	Color
Hex	576491
RGB	87, 100, 145
RGB Percent	34%, 39%, 57%
CMY	0.6588, 0.6078, 0.4314
CMYK	0.40, 0.31, 0.00, 0.43
HSL	227°, 25%, 45%
HSV	227°, 40%, 57%
XYZ	13.5985, 13.1849, 28.6163
YIQ	101.2430, -22.1930, 11.2390

Conversions

Conversions Part 2

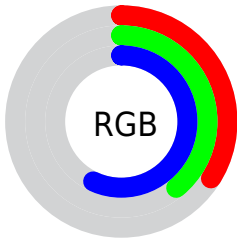
Format	Color
RYB	87, 98, 145
Decimal	5727377
CIELab	43.04, 7.02, -26.32
CIElCh	43, 27.237, 284.945
Yxy	13.1849, 0.2455, 0.2380
Android (android.graphics.Color)	4283917457 (0xFF576491)
YUV	101.2430, 21.5722, -12.4911
Hunter-Lab	36.3110, 3.3040, -21.3080

Details

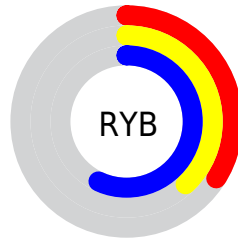
The Hex color **576491** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **918457**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8B97C7**, and **25365E** is the 20% darker color. If you saturate the color by 10%, you get **495991**, and if you desaturate by 10%, it is **666F91**.

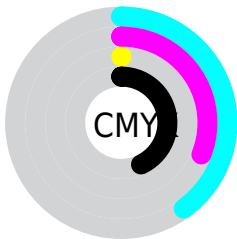
Distribution



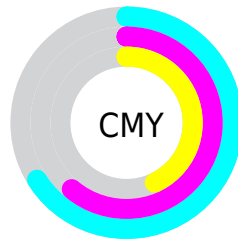
- Red (34%)
- Green (39%)
- Blue (57%)



- Red (34%)
- Yellow (38%)
- Blue (57%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576491 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 576491 by changing the saturation by 10% instead.

■ 576491

■ 576491

FFFFFF

■ 3E4C77

■ 8B97C7

■ 25365E

■ A6B1E3

■ 082146

■ C2CDFF

■ 000930

■ DEE9FF

■ 00011A

■ FBFFFF

■ 000000

■ 576491

■ 576491

■ 495991

■ 666F91

■ 3A4E91

■ 747B91

■ 2C4291

■ 838691

■ 1D3791

■ 919191

■ 0E2C91

■ A09C91

■ 002191

■ AEA891

■ BDB391

■ CBBE91

■ DAC991

Harmonies

Analogous

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



2E6B91



576491



765C86

Triad

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



576491



8D5947



327159

Complementary

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



576491



918457

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.



506E45



576491



7E603A

Square

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



576491



91545B



696839



097270

Rectangle

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



576491



855779



696839



3D7052

Sweetspot

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



576491



A6ABBD



579183



51545E



DEDEDE



5E5E5E

Same Dimension

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



576491



6276BD



665791



404247



001E87



000208

Inverse Universe

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



915764



BD6276



829157



474042



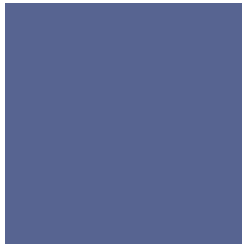
87001E



080002

Previews

White Background



This preview shows how the Hex color 576491 looks on a white background.

Color Contrast Check

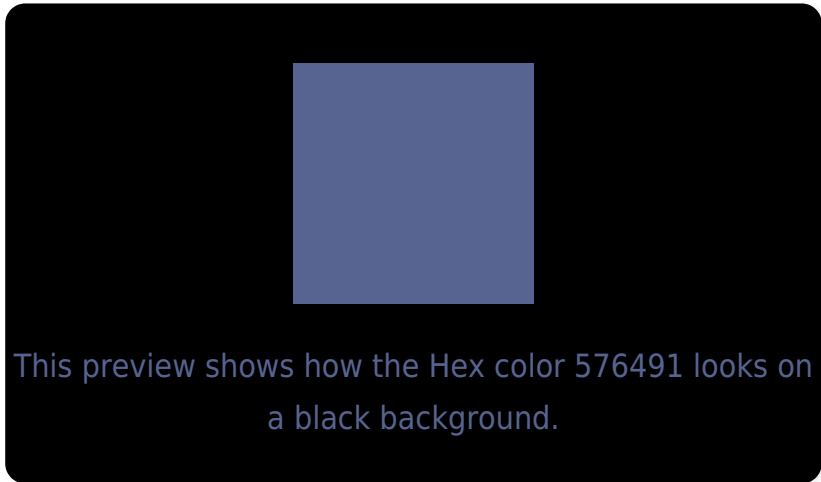
Large Text (above 18pt) WCAG AA ✓ Pass

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

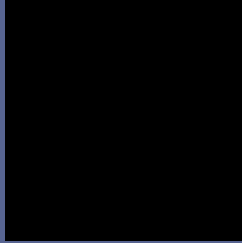
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

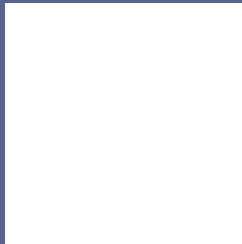
Any Text WCAG AAA × Fail

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

Hex 576491 Background



This preview shows how black text looks on a background with the Hex color 576491.



This preview shows how white text looks on a background with the Hex color 576491.

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
576491

Protanopia
576491

Deuteranopia
556591



Tritanopia
4F6A72

Trichromacy



Original Color

576491

Protanomaly

576491

Deuteranomaly

566591

Tritanomaly

52687D

Monochromacy



Original Color

576491

Achromatopsia

656565

Achromatomaly

606575

CSS Examples

Text

The CSS property to change the color of the text to Hex 576491 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 #576491 looks like.

```
.text, #text, p{  
    color:#576491  
}
```

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 #576491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576491
}
```

Border

The CSS property to change the border of an element to Hex 576491 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
#576491 }
```

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

```
.border{ border-color:#576491 }
```

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

Here you see how a box with a 4 pixel #576491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576491; -webkit-box-shadow:4px 4px  
4px 4px #576491; box-shadow:4px 4px 4px  
4px #576491 }
```

Background

The CSS property to change the background color of an element to Hex 576491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576491 }
```

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

```
.background{ background-color:#576491 }
```

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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