

Converting Colors

Hex(576EAB)

Have a look what the booklet for
Hex(576EAB) contains.

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Color

Hex(576EAB)

Conversions

Conversions Part 1

Format	Color
Hex	576EAB
RGB	87, 110, 171
RGB Percent	34%, 43%, 67%
CMY	0.6588, 0.5686, 0.3294
CMYK	0.49, 0.36, 0.00, 0.33
HSL	224°, 33%, 51%
HSV	224°, 49%, 67%
XYZ	16.8571, 16.1184, 40.7508
YIQ	110.0770, -33.2890, 14.0950

Conversions

Conversions Part 2

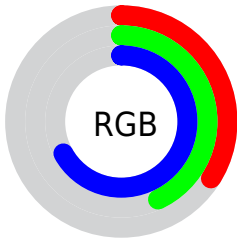
Format	Color
RYB	87, 105, 171
Decimal	5729963
CIELab	47.13, 8.81, -35.29
CIElCh	47, 36.370, 284.021
Yxy	16.1184, 0.2286, 0.2186
Android (android.graphics.Color)	4283920043 (0xFF576EAB)
YUV	110.0770, 30.0350, -20.2385
Hunter-Lab	40.1477, 4.6896, -32.0772

Details

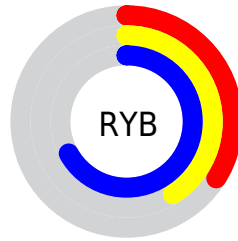
The Hex color **576EAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB9457**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8DA1E3**, and **1F3F76** is the 20% darker color. If you saturate the color by 10%, you get **4662AB**, and if you desaturate by 10%, it is **687AAB**.

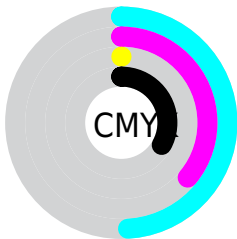
Distribution



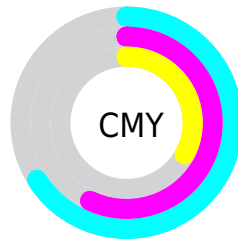
- Red (34%)
- Green (43%)
- Blue (67%)



- Red (34%)
- Yellow (41%)
- Blue (67%)



- Cyan (49%)
- Magenta (36%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576EAB 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 576EAB by changing the saturation by 10% instead.

■ 576EAB

■ 576EAB

FFFFFF

■ 3C5690

■ 8DA1E3

■ 1F3F76

■ A9BCFF

■ 00295D

■ C5D8FF

■ 001645

■ E2F4FF

■ 00042F

■ 000119

■ 000000

■ 576EAB

■ 576EAB

■ 4662AB

■ 687AAB

■ 3555AB

■ 7987AB

■ 2449AB

■ 8A93AB

■ 133CAB

■ 9BA0AB

■ 0130AB

■ ACACAB

■ 002FAB

■ BEB9AB

■ CFC5AB

■ E0D1AB

■ F1DEAB

Harmonies

Analogous

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



0078AA



576EAB



85629C

Triad

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



576EAB



A35D47



217E5E

Complementary

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



576EAB



AB9457

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.



527A42



576EAB



906834

Square

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



576EAB



AA5662



747332



007F7E

Rectangle

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



576EAB



995B8B



747332



357D54

Sweetspot

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



576EAB



BDC6DE



57AB93



5C6270



F0F0F0



707070

Same Dimension

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



576EAB



5B7FDE



6957AB



4E5057



002996



000617

Inverse Universe

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



AB576E



DE5B7F



99AB57



574E50



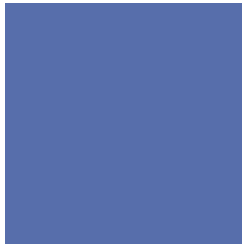
960029



170006

Previews

White Background



This preview shows how the Hex color 576EAB looks on a white background.

Color Contrast Check

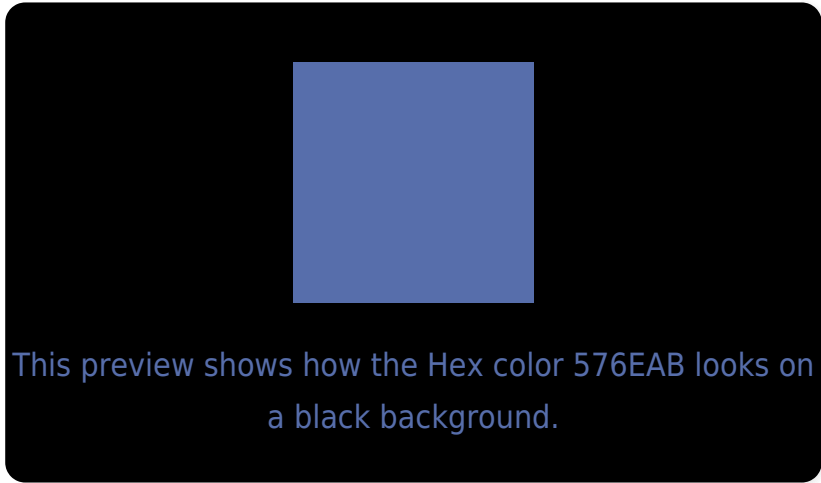
Large Text (above 18pt) WCAG AA ✓ Pass

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

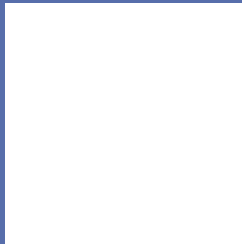
Any Text WCAG AAA × Fail

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

Hex 576EAB Background



This preview shows how black text looks on a background with the Hex color 576EAB.

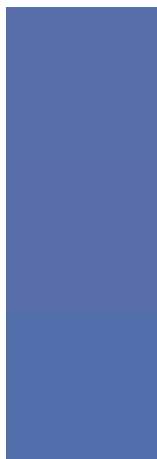


This preview shows how white text looks on a background with the Hex color 576EAB.

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

576EAB

Protanopia

5A6DAB

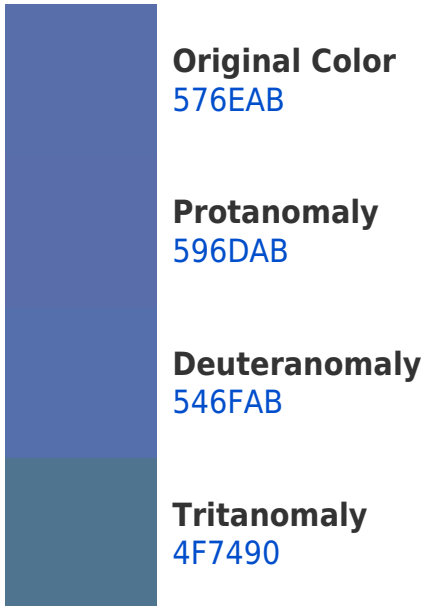
Deuteranopia

526FAB



Tritanopia
4A7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 576EAB 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 #576EAB looks like.

```
.text, #text, p{  
    color:#576EAB  
}
```

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 #576EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576EAB
}
```

Border

The CSS property to change the border of an element to Hex 576EAB 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
#576EAB }
```

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

```
.border{ border-color:#576EAB }
```

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

Here you see how a box with a 4 pixel #576EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576EAB; -webkit-box-shadow:4px 4px  
4px 4px #576EAB; box-shadow:4px 4px 4px  
4px #576EAB }
```

Background

The CSS property to change the background color of an element to Hex 576EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576EAB }
```

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

```
.background{ background-color:#576EAB }
```

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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