

Converting Colors

Hex(566C9D)

Have a look what the booklet for
Hex(566C9D) contains.

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Color

Hex(566C9D)

Conversions

Conversions Part 1

Format	Color
Hex	566C9D
RGB	86, 108, 157
RGB Percent	34%, 42%, 62%
CMY	0.6627, 0.5765, 0.3843
CMYK	0.45, 0.31, 0.00, 0.38
HSL	221°, 29%, 48%
HSV	221°, 45%, 62%
XYZ	15.2861, 15.1379, 34.0145
YIQ	107.0080, -28.8410, 10.5750

Conversions

Conversions Part 2

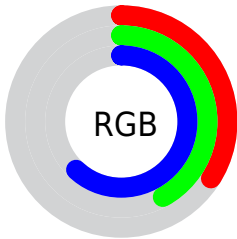
Format	Color
R _Y B	86, 103, 157
Decimal	5663901
CIE Lab	45.82, 5.43, -29.12
CIE LCh	46, 29.618, 280.569
Yxy	15.1379, 0.2372, 0.2349
Android (android.graphics.Color)	4283853981 (0xFF566C9D)
YUV	107.0080, 24.6461, -18.4240
Hunter-Lab	38.9074, 2.0418, -24.5986

Details

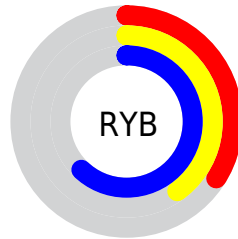
The Hex color **566C9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D8756**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8B9FD4**, and **213D69** is the 20% darker color. If you saturate the color by 10%, you get **46619D**, and if you desaturate by 10%, it is **66779D**.

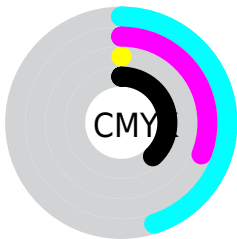
Distribution



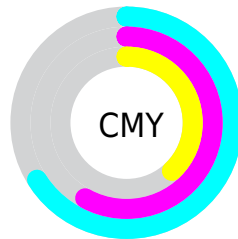
- Red (34%)
- Green (42%)
- Blue (62%)



- Red (34%)
- Yellow (40%)
- Blue (62%)



- Cyan (45%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566C9D 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 566C9D by changing the saturation by 10% instead.

■ 566C9D

■ 566C9D

FFFFFF

■ 3C5483

■ 8B9FD4

■ 213D69

■ A6BAF0

■ 002751

■ C2D6FF

■ 00133A

■ DFF2FF

■ 000224

■ FCFFFF

■ 00000B

■ 000000

■ 566C9D

■ 566C9D

■ 46619D

■ 66779D

■ 37569D

■ 75829D

■ 274B9D

■ 858D9D

■ 17419D

■ 95979D

■ 07369D

■ A5A29D

■ 00319D

■ B4AD9D

■ C4B89D

■ D4C39D

■ E3CE9D

Harmonies

Analogous

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



25749B



566C9D



7A6392

Triad

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



566C9D



995D4D



39785B

Complementary

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



566C9D



9D8756

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.



597446



566C9D



8A653E

Square

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



566C9D



9C5965



746E3B



057A75

Rectangle

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



566C9D



8C5D85



746E3B



447753

Sweetspot

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



566C9D



AFB8CC



569D87



555A66



E6E6E6



666666

Same Dimension

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



566C9D



5E80CC



63569D



474A4F



002C8F



00050F

Inverse Universe

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



9D566C



CC5E80



909D56



4F474A



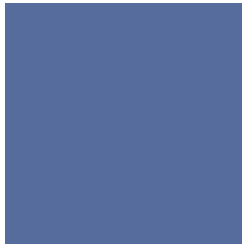
8F002C



0F0005

Previews

White Background



This preview shows how the Hex color 566C9D looks on a white background.

Color Contrast Check

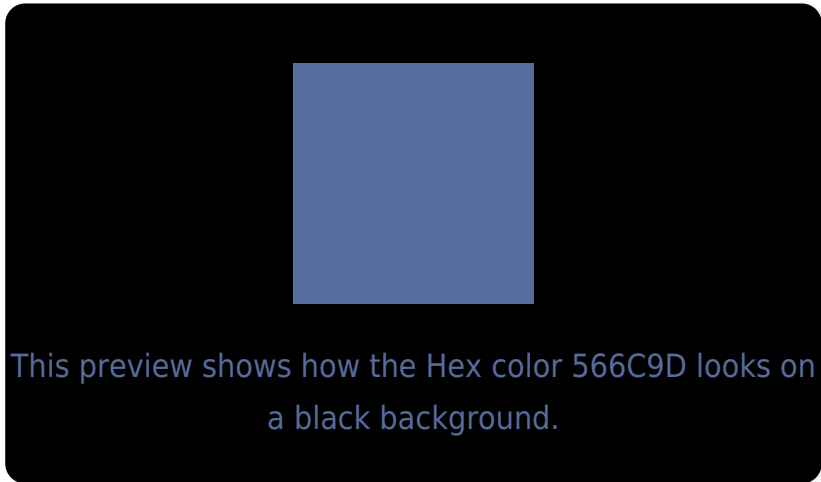
Large Text (above 18pt) WCAG AA ✓ Pass

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

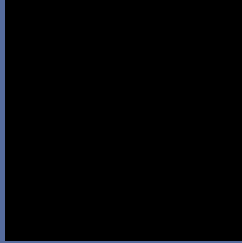
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

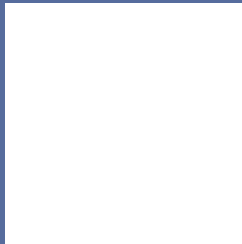
Any Text WCAG AAA × Fail

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

Hex 566C9D Background



This preview shows how black text looks on a background with the Hex color 566C9D.

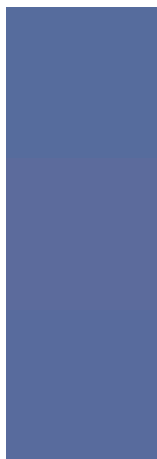


This preview shows how white text looks on a background with the Hex color 566C9D.

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


566C9D

Protanopia

5C6B9C

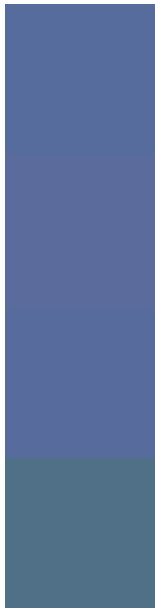
Deuteranopia

586B9D



Tritanopia
4D727C

Trichromacy



Original Color
566C9D

Protanomaly
5A6B9C

Deuteranomaly
576B9D

Tritanomaly
507088

Monochromacy



Original Color
566C9D

Achromatopsia
6B6B6B

Achromatomaly
636B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 566C9D 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 #566C9D looks like.

```
.text, #text, p{  
    color:#566C9D  
}
```

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 #566C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566C9D
}
```

Border

The CSS property to change the border of an element to Hex 566C9D 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
#566C9D }
```

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

```
.border{ border-color:#566C9D }
```

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

Here you see how a box with a 4 pixel #566C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566C9D; -webkit-box-shadow:4px 4px  
4px 4px #566C9D; box-shadow:4px 4px 4px  
4px #566C9D }
```

Background

The CSS property to change the background color of an element to Hex 566C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566C9D }
```

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

```
.background{ background-color:#566C9D }
```

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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