

Converting Colors

Hex(565797)

Have a look what the booklet for
Hex(565797) contains.

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Color

Hex(565797)

Conversions

Conversions Part 1

Format	Color
Hex	565797
RGB	86, 87, 151
RGB Percent	34%, 34%, 59%
CMY	0.6627, 0.6588, 0.4078
CMYK	0.43, 0.42, 0.00, 0.41
HSL	239°, 27%, 46%
HSV	239°, 43%, 59%
XYZ	12.8319, 11.0292, 30.7307
YIQ	93.9970, -21.1400, 19.6920

Conversions

Conversions Part 2

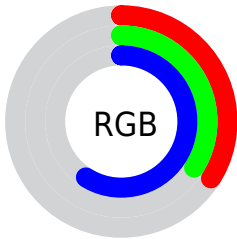
Format	Color
R_{YB}	86, 87, 151
Decimal	5658519
CIE _{Lab}	39.63, 16.72, -35.28
CIE _{LCh}	40, 39.037, 295.355
Yxy	11.0292, 0.2351, 0.2020
Android (android.graphics.Color)	4283848599 (0xFF565797)
YUV	93.9970, 28.1025, -7.0134
Hunter-Lab	33.2102, 10.8514, -31.6161

Details

The Hex color **565797** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **979656**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8B89CE**, and **222A64** is the 20% darker color. If you saturate the color by 10%, you get **474897**, and if you desaturate by 10%, it is **656697**.

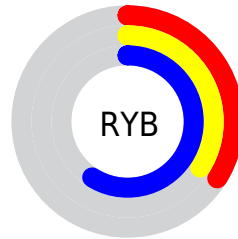
Distribution



Red (34%)

Green (34%)

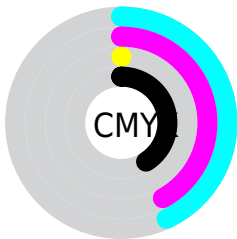
Blue (59%)



Red (34%)

Yellow (34%)

Blue (59%)

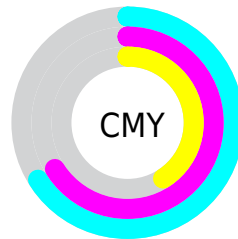


Cyan (43%)

Magenta (42%)

Yellow (0%)

Black (41%)



Cyan (66%)

Magenta (66%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565797 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 565797 by changing the saturation by 10% instead.

■ 565797

■ 565797

FFFFFF

■ 3C407D

■ 8B89CE

■ 222A64

■ A6A3EA

■ 00164B

■ C2BEFF

■ 000034

■ DEDAFF

■ 00021E

■ FBF6FF

■ 000000

■ 565797

■ 565797

■ 474897

■ 656697

■ 383997

■ 747597

■ 292A97

■ 838497

■ 1A1C97

■ 929297

■ 0B0D97

■ A2A197

■ 000297

■ B1B097

■ C0BF97

■ CFCE97

■ DEDD97

Harmonies

Analogous

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



00629D



565797



7F4A82

Triad

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



565797



8A4E29



006D57

Complementary

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



565797



979656

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.



2B6A38



565797



735A1A

Square

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



565797



974344



546420



006D78

Rectangle

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



565797



90436E



546420



006C4C

Sweetspot

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



565797



ABABC4



569796



545463



E3E3E3



636363

Same Dimension

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



565797



5E60C4



755697



45454D



00028C



00000D

Inverse Universe

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



975657



C45E60



789756



4D4545



8C0002



0D0000

Previews

White Background



This preview shows how the Hex color 565797 looks on a white background.

Color Contrast Check

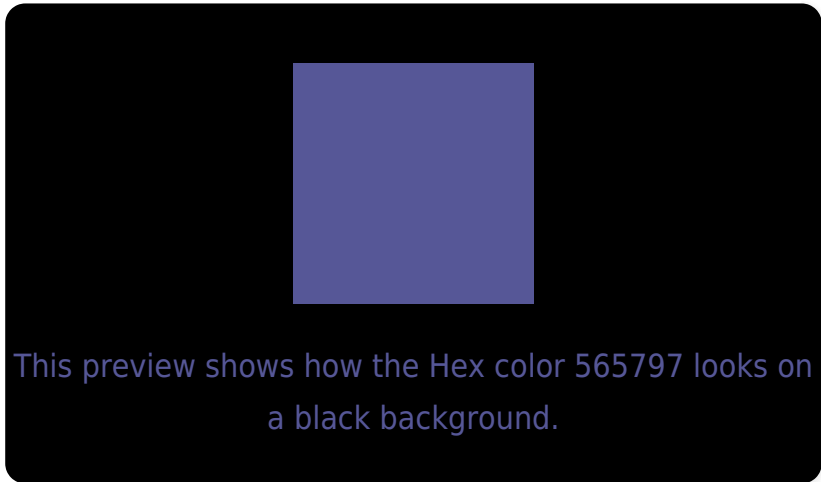
Large Text (above 18pt) WCAG AA ✓ Pass

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

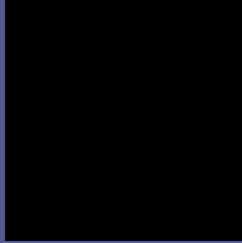
Any Text WCAG AA × Fail

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 565797 Background



This preview shows how black text looks on a background with the Hex color 565797.



This preview shows how white text looks on a background with the Hex color 565797.

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
565797

Protanopia
435B9B

Deuteranopia
3D5D96



Tritanopia
4A6169

Trichromacy



Original Color
565797

Protanomaly
4A5A9A

Deuteranomaly
465B96

Tritanomaly
4E5D7A

Monochromacy



Original Color
565797

Achromatopsia
5E5E5E

Achromatomaly
5B5B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 565797 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 #565797 looks like.

```
.text, #text, p{  
    color:#565797  
}
```

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 #565797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565797
}
```

Border

The CSS property to change the border of an element to Hex 565797 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
#565797 }
```

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

```
.border{ border-color:#565797 }
```

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

Here you see how a box with a 4 pixel #565797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565797; -webkit-box-shadow:4px 4px  
4px 4px #565797; box-shadow:4px 4px 4px  
4px #565797 }
```

Background

The CSS property to change the background color of an element to Hex 565797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565797 }
```

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

```
.background{ background-color:#565797 }
```

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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