

Converting Colors

Hex(595180)

Have a look what the booklet for
Hex(595180) contains.

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Color

Hex(595180)

Conversions

Conversions Part 1

Format	Color
Hex	595180
RGB	89, 81, 128
RGB Percent	35%, 32%, 50%
CMY	0.6510, 0.6824, 0.4980
CMYK	0.30, 0.37, 0.00, 0.50
HSL	250°, 22%, 41%
HSV	250°, 37%, 50%
XYZ	10.9585, 9.5672, 21.6912
YIQ	88.7500, -10.3190, 16.3130

Conversions

Conversions Part 2

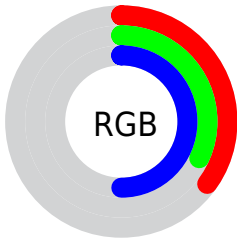
Format	Color
R_{YB}	89, 81, 128
Decimal	5853568
CIE _{Lab}	37.05, 14.67, -25.33
CIE _{LCh}	37, 29.277, 300.079
Yxy	9.5672, 0.2596, 0.2266
Android (android.graphics.Color)	4284043648 (0xFF595180)
YUV	88.7500, 19.3502, 0.2193
Hunter-Lab	30.9309, 9.1118, -19.9271

Details

The Hex color **595180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788051**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C82B5**, and **29244F** is the 20% darker color. If you saturate the color by 10%, you get **4E4480**, and if you desaturate by 10%, it is **645E80**.

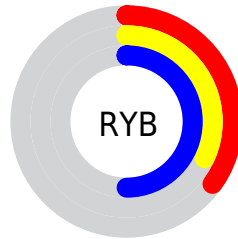
Distribution



Red (35%)

Green (32%)

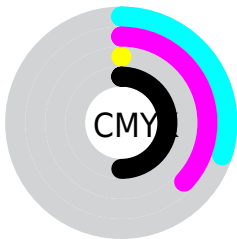
Blue (50%)



Red (35%)

Yellow (32%)

Blue (50%)

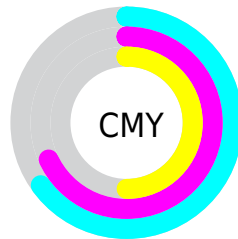


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (50%)



Cyan (65%)

Magenta (68%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 595180 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 595180 by changing the saturation by 10% instead.

■ 595180

■ 595180

FFFFFF

■ 413A67

■ 8C82B5

■ 29244F

■ A79CD1

■ 121037

■ C2B7ED

■ 000022

■ DFD3FF

■ 000007

■ FBEFFF

■ 000000

■ 595180

■ 595180

■ 4E4480

■ 645E80

■ 443780

■ 6E6B80

■ 392B80

■ 797780

■ 2F1E80

■ 838480

■ 241180

■ 8E9180

■ 190480

■ 999E80

■ 160080

■ A3AB80

■ AEB780

■ B9C480

Harmonies

Analogous

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



2F5A86



595180



74486F

Triad

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



595180



784D2F



006356

Complementary

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



595180



788051

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.



30613F



595180



655627

Square

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



595180



834641



4D5D2D



00636E

Rectangle

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



595180



7F4560



4D5D2D



11634E

Sweetspot

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



595180



9794A6



517880



4B4954



D4D4D4



545454

Same Dimension

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



595180



695DA6



705180



3A3940



160080



000000

Inverse Universe

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



805178



A65D99



618051



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 595180 looks on a white background.

Color Contrast Check

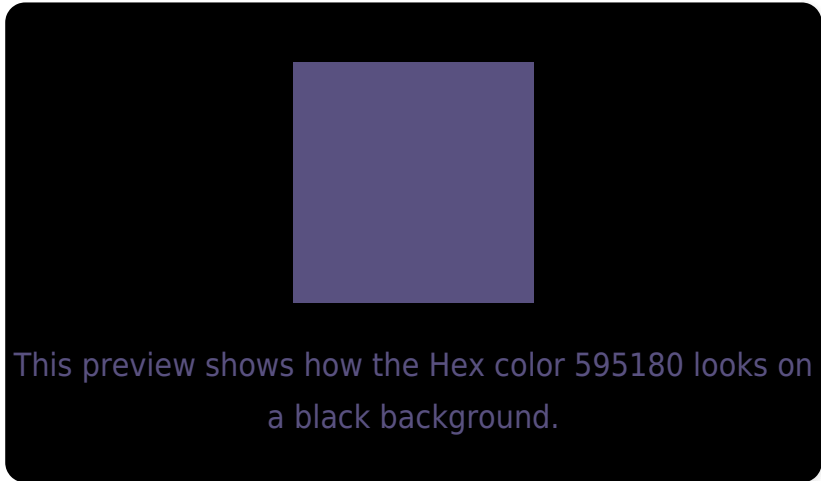
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

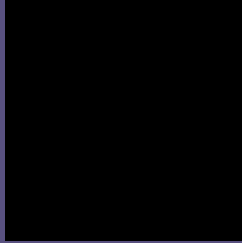
Any Text WCAG AA × Fail

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 595180 Background



This preview shows how black text looks on a background with the Hex color 595180.

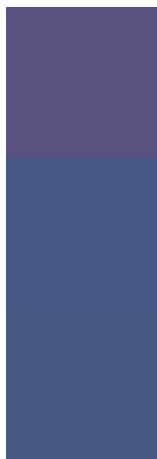


This preview shows how white text looks on a background with the Hex color 595180.

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
595180

Protanopia
475684

Deuteranopia
47577F



Tritanopia
52585F

Trichromacy



Original Color
595180

Protanomaly
4E5483

Deuteranomaly
4E557F

Tritanomaly
55556B

Monochromacy



Original Color
595180

Achromatopsia
595959

Achromatomaly
595667

CSS Examples

Text

The CSS property to change the color of the text to Hex 595180 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 #595180 looks like.

```
.text, #text, p{  
    color:#595180  
}
```

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 #595180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595180
}
```

Border

The CSS property to change the border of an element to Hex 595180 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
#595180 }
```

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

```
.border{ border-color:#595180 }
```

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

Here you see how a box with a 4 pixel #595180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595180; -webkit-box-shadow:4px 4px  
4px 4px #595180; box-shadow:4px 4px 4px  
4px #595180 }
```

Background

The CSS property to change the background color of an element to Hex 595180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595180 }
```

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

```
.background{ background-color:#595180 }
```

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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