

# Converting Colors

Hex(595D87)

Have a look what the booklet for  
Hex(595D87) contains.

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# Color

**Hex(595D87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595D87
RGB	89, 93, 135
RGB Percent	35%, 36%, 53%
CMY	0.6510, 0.6353, 0.4706
CMYK	0.34, 0.31, 0.00, 0.47
HSL	235°, 21%, 44%
HSV	235°, 34%, 53%
XYZ	12.4073, 11.7018, 24.5264
YIQ	96.5920, -15.8660, 12.2140

# Conversions

## Conversions Part 2

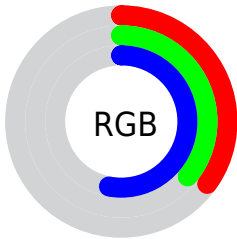
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 93, 135
Decimal	5856647
CIE <sub>Lab</sub>	40.74, 9.08, -23.87
CIE <sub>LCh</sub>	41, 25.534, 290.826
Yxy	11.7018, 0.2551, 0.2406
Android (android.graphics.Color)	4284046727 (0xFF595D87)
<b>YUV</b>	96.5920, 18.9351, -6.6582
Hunter-Lab	34.2079, 4.8788, -18.5642

# Details

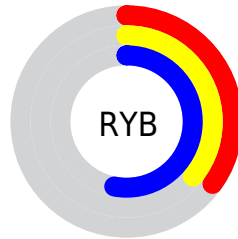
The Hex color **595D87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **878359**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8C8FBC**, and **292F55** is the 20% darker color. If you saturate the color by 10%, you get **4C5187**, and if you desaturate by 10%, it is **676987**.

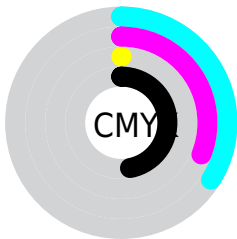
# Distribution



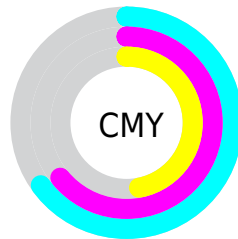
- Red (35%)
- Green (36%)
- Blue (53%)



- Red (35%)
- Yellow (36%)
- Blue (53%)



- Cyan (34%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (65%)
- Magenta (64%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595D87 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 595D87 by changing the saturation by 10% instead.



■ 595D87

■ 595D87

FFFFFF

■ 41466E

■ 8C8FBC

■ 292F55

■ A7AAD8

■ 101B3E

■ C3C5F5

■ 000028

■ DFE1FF

■ 000112

■ FCFDFE

■ 000000

■ 595D87

■ 595D87

■ 4C5187

■ 676987

■ 3E4487

■ 747687

■ 313887

■ 828287

■ 232C87

■ 8F8E87

■ 151F87

■ 9C9B87

■ 081387

■ AAA787

■ 000C87

■ B8B387

■ C5C087

■ D3CC87

# Harmonies

## Analogous

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



366489



595D87



74557B

# Triad

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



595D87



825540



2B6B59

# Complementary

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



595D87



878359

# 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.



476845



595D87



735D37

# Square

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



595D87



895052



5F6338



076B6E

# Rectangle

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



595D87



80526E



5F6338



356A52



# Sweetspot

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



595D87



9EA0B0



598782



4F4F59



D9D9D9



595959



# Same Dimension

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



595D87



686EB0



6B5987



3C3C42



000B82



000003



# Inverse Universe

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



87595D



B0686E



758759



423C3C



82000B



030000



# Previews

## White Background



This preview shows how the Hex color 595D87 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

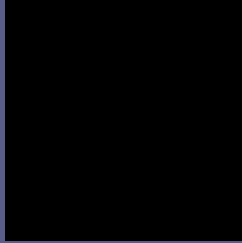
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 595D87 Background



This preview shows how black text looks on a background with the Hex color 595D87.

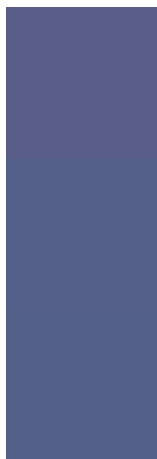


This preview shows how white text looks on a background with the Hex color 595D87.

# 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](#).

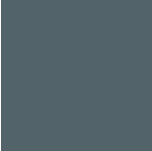
## Dichromacy



**Original Color**  
595D87

**Protanopia**  
535F88

**Deuteranopia**  
525F87



**Tritanopia**  
53636A

# Trichromacy



**Original Color**  
595D87

**Protanomaly**  
555E88

**Deuteranomaly**  
555E87

**Tritanomaly**  
556175

# Monochromacy



**Original Color**  
595D87

**Achromatopsia**  
616161

**Achromatomaly**  
5E606F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595D87 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 #595D87 looks like.

```
.text, #text, p{  
    color:#595D87  
}
```

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 #595D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595D87
}
```

## Border

The CSS property to change the border of an element to Hex 595D87 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".

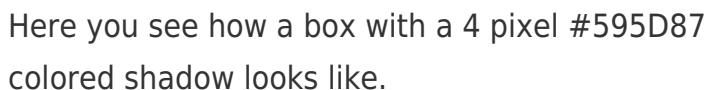
```
.border, #border, table{ border:4px solid
#595D87 }
```

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

```
.border{ border-color:#595D87 }
```

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

Here you see how a box with a 4 pixel #595D87 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595D87; -webkit-box-shadow:4px 4px  
4px 4px #595D87; box-shadow:4px 4px 4px  
4px #595D87 }
```

# Background

The CSS property to change the background color of an element to Hex 595D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595D87 }
```

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

```
.background{ background-color:#595D87 }
```

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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