

# Converting Colors

Hex(594D89)

Have a look what the booklet for  
Hex(594D89) contains.

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# Color

Hex(594D89)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	594D89
RGB	89, 77, 137
RGB Percent	35%, 30%, 54%
CMY	0.6510, 0.6980, 0.4627
CMYK	0.35, 0.44, 0.00, 0.46
HSL	252°, 28%, 42%
HSV	252°, 44%, 54%
XYZ	11.2891, 9.2377, 24.8550
YIQ	87.4280, -12.1080, 21.2040

# Conversions

## Conversions Part 2

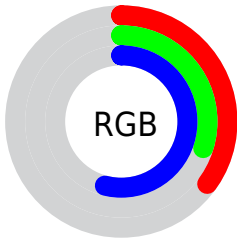
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 77, 137
Decimal	5852553
CIE <sub>Lab</sub>	36.44, 19.75, -31.82
CIE <sub>LCh</sub>	36, 37.452, 301.829
Yxy	9.2377, 0.2488, 0.2036
Android (android.graphics.Color)	4284042633 (0xFF594D89)
YUV	87.4280, 24.4390, 1.3786
Hunter-Lab	30.3937, 13.1110, -27.2099

# Details

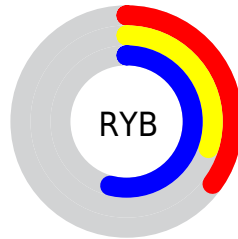
The Hex color **594D89** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D894D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8D7EBF**, and **272157** is the 20% darker color. If you saturate the color by 10%, you get **4E3F89**, and if you desaturate by 10%, it is **645B89**.

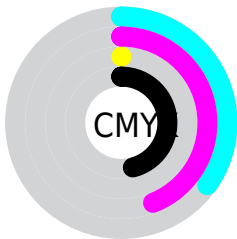
# Distribution



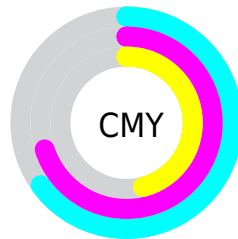
- Red (35%)
- Green (30%)
- Blue (54%)



- Red (35%)
- Yellow (30%)
- Blue (54%)



- Cyan (35%)
- Magenta (44%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (70%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 594D89 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 594D89 by changing the saturation by 10% instead.



■ 594D89

■ 594D89

FFFFFF

■ 40366F

■ 8D7EBF

■ 272157

■ A898DB

■ 0D0C3F

■ C4B3F7

■ 000029

■ E0CEFF

■ 000112

■ FDEBFF

■ 000000

■ 594D89

■ 594D89

■ 4E3F89

■ 645B89

■ 433289

■ 6F6889

■ 382489

■ 7A7689

■ 2D1689

■ 858489

■ 220889

■ 909189

■ 1B0089

■ 9B9F89

■ A6AD89

■ B1BB89

■ BCC889

# Harmonies

## Analogous

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



105892



594D89



7C4173

# Triad

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



594D89



7C4A20



006457

# Complementary

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



594D89



7D894D

# 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.



186238



594D89



645515

# Square

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



594D89



8B3F38



465D1F



006475

# Rectangle

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



594D89



883B5F



465D1F



00644C



# Sweetspot

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



594D89



A09BB3



4D7D89



4E4B59



D9D9D9



595959



# Same Dimension

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



594D89



6754B3



774D89



3F3E45



1B0085



010005



# Inverse Universe

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



894D7D



B354A0



5F894D



453E43



85006A



050004



# Previews

## White Background



This preview shows how the Hex color 594D89 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

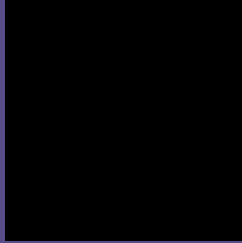
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 594D89 Background



This preview shows how black text looks on a background with the Hex color 594D89.



This preview shows how white text looks on a background with the Hex color 594D89.

# 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](#).

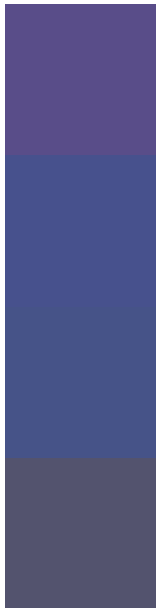
## Dichromacy





**Tritanopia**  
50575E

# Trichromacy



**Original Color**  
594D89

**Protanomaly**  
47518D

**Deuteranomaly**  
465388

**Tritanomaly**  
53536E

# Monochromacy



**Original Color**  
594D89

**Achromatopsia**  
575757

**Achromatomaly**  
585369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 594D89 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 #594D89 looks like.

```
.text, #text, p{  
    color:#594D89  
}
```

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 #594D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594D89
}
```

## Border

The CSS property to change the border of an element to Hex 594D89 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".

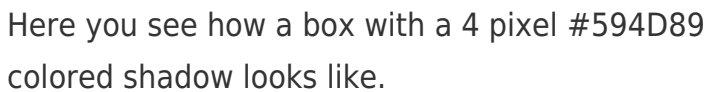
```
.border, #border, table{ border:4px solid
#594D89 }
```

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

```
.border{ border-color:#594D89 }
```

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

Here you see how a box with a 4 pixel #594D89 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594D89; -webkit-box-shadow:4px 4px  
4px 4px #594D89; box-shadow:4px 4px 4px  
4px #594D89 }
```

# Background

The CSS property to change the background color of an element to Hex 594D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594D89 }
```

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

```
.background{ background-color:#594D89 }
```

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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