

Converting Colors

Hex(590E88)

Have a look what the booklet for
Hex(590E88) contains.

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Color

Hex(590E88)

Conversions

Conversions Part 1

Format	Color
Hex	590E88
RGB	89, 14, 136
RGB Percent	35%, 5%, 53%
CMY	0.6510, 0.9451, 0.4667
CMYK	0.35, 0.90, 0.00, 0.47
HSL	277°, 81%, 29%
HSV	277°, 90%, 53%
XYZ	8.7208, 4.2155, 23.6466
YIQ	50.3330, 5.5380, 53.8420

Conversions

Conversions Part 2

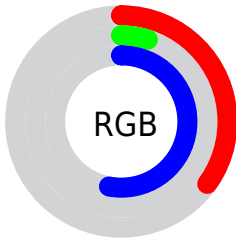
Format	Color
R_{YB}	89, 14, 136
Decimal	5836424
CIE _{Lab}	24.37, 51.50, -50.61
CIE _{LCh}	24, 72.207, 315.499
Yxy	4.2155, 0.2384, 0.1152
Android (android.graphics.Color)	4284026504 (0xFF590E88)
YUV	50.3330, 42.2338, 33.9110
Hunter-Lab	20.5317, 39.8872, -53.9129

Details

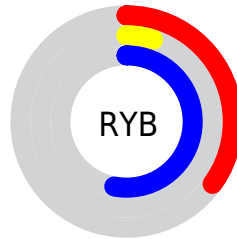
The Hex color **590E88** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3D880E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9047BE**, and **230055** is the 20% darker color. If you saturate the color by 10%, you get **540088**, and if you desaturate by 10%, it is **5E1C88**.

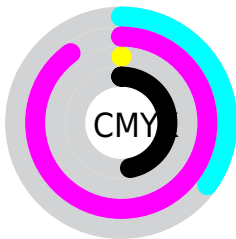
Distribution



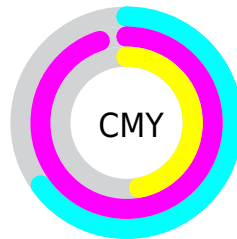
- Red (35%)
- Green (5%)
- Blue (53%)



- Red (35%)
- Yellow (5%)
- Blue (53%)



- Cyan (35%)
- Magenta (90%)
- Yellow (0%)
- Black (47%)



- Cyan (65%)
- Magenta (95%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590E88 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 590E88 by changing the saturation by 10% instead.

 590E88

 590E88

FFFFFF

 3E006E

 9047BE

 230055

 AC61DA

 00003D

 C97BF7

 000326

 E696FF

 00010F

 FFB1FF

 000000

 FFCEFF

 FFEAFF

 590E88

 590E88

■ 540088

■ 5E1C88

■ 632988

■ 693788

■ 6E4488

■ 735288

■ 786088

■ 7E6D88

■ 837B88

■ 888888

Harmonies

Analogous

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



0039A6



590E88



880057

Triad

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



590E88



5D2E00



004D56

Complementary

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



590E88



3D880E

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.



004C1C



590E88



2D4000

Square

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



590E88



800000



004800



004E88

Rectangle

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



590E88



910033



004800



004D43

Sweetspot

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



590E88



9E80B0



0E3F88



4E3D59



D9D9D9



595959

Same Dimension

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



590E88



6C00B0



880E7C



423E45



520085



030005

Inverse Universe

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



880E3D



B00044



0E881A



453E41



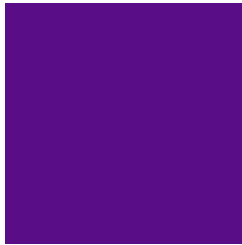
850033



050002

Previews

White Background



This preview shows how the Hex color 590E88 looks on a white background.

Color Contrast Check

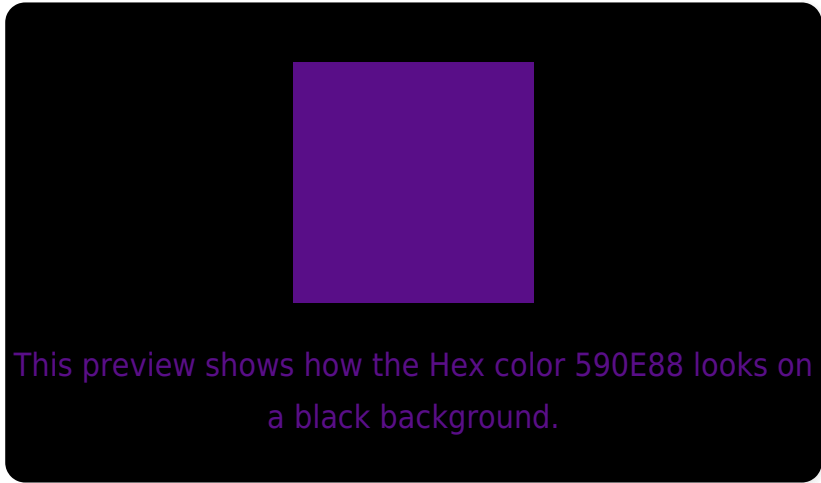
Large Text (above 18pt) WCAG AA ✓ Pass

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

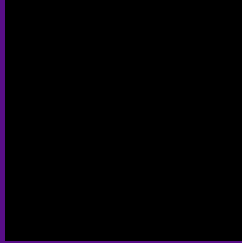
Any Text WCAG AA × Fail

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 590E88 Background



This preview shows how black text looks on a background with the Hex color 590E88.



This preview shows how white text looks on a background with the Hex color 590E88.

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](#).

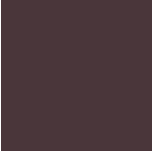
Dichromacy



Original Color
590E88

Protanopia
003A7A

Deuteranopia
003D69



Tritanopia
4A363A

Trichromacy



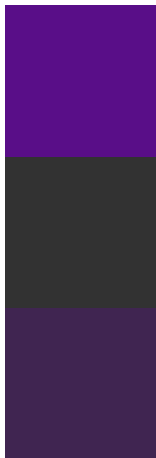
Original Color
590E88

Protanomaly
202A7F

Deuteranomaly
202C74

Tritanomaly
4F2756

Monochromacy



Original Color
590E88

Achromatopsia
323232

Achromatomaly
402551

CSS Examples

Text

The CSS property to change the color of the text to Hex 590E88 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 #590E88 looks like.

```
.text, #text, p{  
    color:#590E88  
}
```

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 #590E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590E88
}
```

Border

The CSS property to change the border of an element to Hex 590E88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

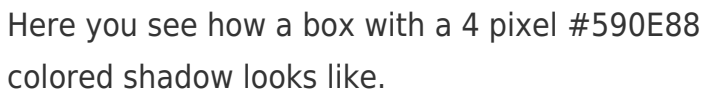
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#590E88 }
```

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

```
.border{ border-color:#590E88 }
```

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



Here you see how a box with a 4 pixel #590E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590E88; -webkit-box-shadow:4px 4px  
4px 4px #590E88; box-shadow:4px 4px 4px  
4px #590E88 }
```

Background

The CSS property to change the background color of an element to Hex 590E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590E88 }
```

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

```
.background{ background-color:#590E88 }
```

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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