

Converting Colors

Hex(580E90)

Have a look what the booklet for
Hex(580E90) contains.

Hex(580E90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(580E90)

Conversions

Conversions Part 1

Format	Color
Hex	580E90
RGB	88, 14, 144
RGB Percent	35%, 5%, 56%
CMY	0.6549, 0.9451, 0.4353
CMYK	0.39, 0.90, 0.00, 0.44
HSL	274°, 82%, 31%
HSV	274°, 90%, 56%
XYZ	9.2156, 4.4024, 26.7496
YIQ	50.9460, 2.3740, 56.1180

Conversions

Conversions Part 2

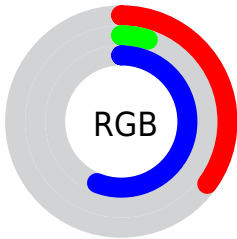
Format	Color
R_{YB}	88, 14, 144
Decimal	5770896
CIE _{Lab}	24.96, 53.15, -54.64
CIE _{LCh}	25, 76.229, 314.209
Yxy	4.4024, 0.2283, 0.1091
Android (android.graphics.Color)	4283960976 (0xFF580E90)
YUV	50.9460, 45.8756, 32.4964
Hunter-Lab	20.9819, 41.6817, -60.9008

Details

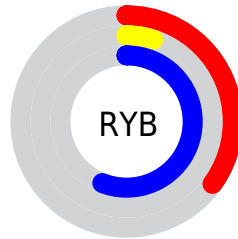
The Hex color **580E90** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **46900E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9047C7**, and **1F005C** is the 20% darker color. If you saturate the color by 10%, you get **520090**, and if you desaturate by 10%, it is **5E1C90**.

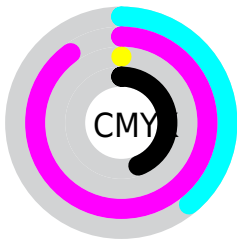
Distribution



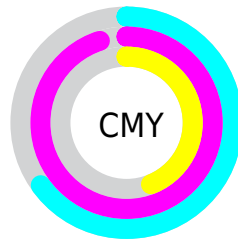
- Red (35%)
- Green (5%)
- Blue (56%)



- Red (35%)
- Yellow (5%)
- Blue (56%)



- Cyan (39%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580E90 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 580E90 by changing the saturation by 10% instead.

■ 580E90

■ 580E90

FFFFFF

■ 3C0076

■ 9047C7

■ 1F005C

■ AC61E3

■ 000044

■ C97CFF

■ 00032C

■ E697FF

■ 000117

■ FF2FF

■ 000000

■ FFCEFF

■ FFEBFF

■ 580E90

■ 580E90

■ 520090

■ 5E1C90

■ 642B90

■ 6B3990

■ 714890

■ 775690

■ 7D6490

■ 837390

■ 8A8190

■ 909090

Harmonies

Analogous

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



003CAF



580E90



8D005C

Triad

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



580E90



622D00



004F56

Complementary

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



580E90



46900E

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.



004D18



580E90



304100

Square

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



580E90



860000



004A00



00508D

Rectangle

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



580E90



970036



004A00



004F42

Sweetspot

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



580E90



A488BA



0E4690



51405E



DEDEDE



5E5E5E

Same Dimension

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



580E90



6A00BA



900E87



444047



4D0087



040008

Inverse Universe

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



900E46



BA0050



0E9017



474043



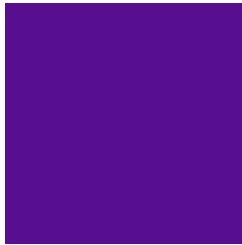
87003A



080003

Previews

White Background



This preview shows how the Hex color 580E90 looks on a white background.

Color Contrast Check

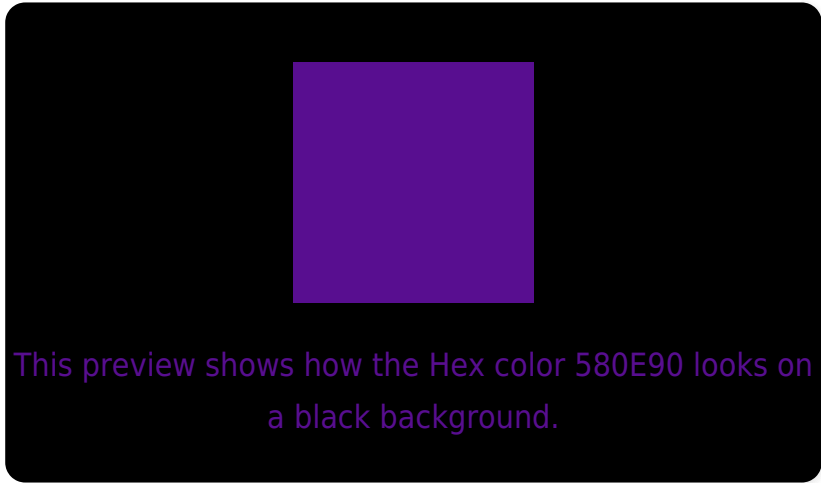
Large Text (above 18pt) WCAG AA ✓ Pass

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

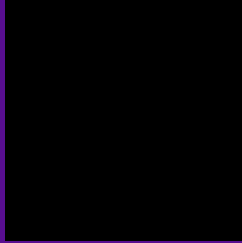
Any Text WCAG AA × Fail

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 580E90 Background



This preview shows how black text looks on a background with the Hex color 580E90.



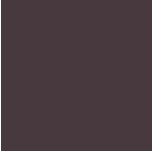
This preview shows how white text looks on a background with the Hex color 580E90.

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
47393E

Trichromacy



Original Color
580E90

Protanomaly
202B83

Deuteranomaly
202D78

Tritanomaly
4D295C

Monochromacy



Original Color
580E90

Achromatopsia
333333

Achromatomaly
402655

CSS Examples

Text

The CSS property to change the color of the text to Hex 580E90 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 #580E90 looks like.

```
.text, #text, p{  
    color:#580E90  
}
```

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 #580E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580E90
}
```

Border

The CSS property to change the border of an element to Hex 580E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

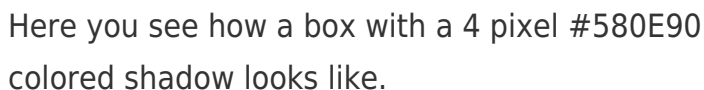
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580E90 }
```

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

```
.border{ border-color:#580E90 }
```

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



Here you see how a box with a 4 pixel #580E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580E90; -webkit-box-shadow:4px 4px  
4px 4px #580E90; box-shadow:4px 4px 4px  
4px #580E90 }
```

Background

The CSS property to change the background color of an element to Hex 580E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580E90 }
```

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

```
.background{ background-color:#580E90 }
```

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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