

# Converting Colors

Hex(581E5D)

Have a look what the booklet for  
Hex(581E5D) contains.

<b>Hex(581E5D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(581E5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	581E5D
RGB	88, 30, 93
RGB Percent	35%, 12%, 36%
CMY	0.6549, 0.8824, 0.6353
CMYK	0.05, 0.68, 0.00, 0.64
HSL	295°, 51%, 24%
HSV	295°, 68%, 36%
XYZ	6.4646, 3.7936, 10.7474
YIQ	54.5240, 14.3450, 31.8890

# Conversions

## Conversions Part 2

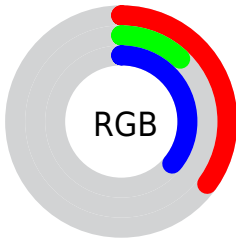
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 30, 93
Decimal	5774941
CIE <sub>Lab</sub>	22.98, 36.09, -25.23
CIE <sub>LCh</sub>	23, 44.036, 325.048
Yxy	3.7936, 0.3078, 0.1806
Android (android.graphics.Color)	4283965021 (0xFF581E5D)
YUV	54.5240, 18.9687, 29.3585
Hunter-Lab	19.4771, 25.1603, -19.0822

# Details

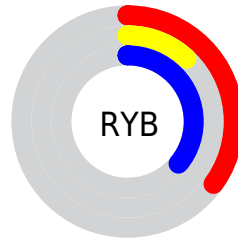
The Hex color **581E5D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **235D1E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8C4F90**, and **29002F** is the 20% darker color. If you saturate the color by 10%, you get **57155D**, and if you desaturate by 10%, it is **59275D**.

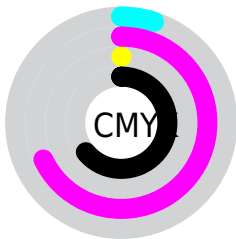
# Distribution



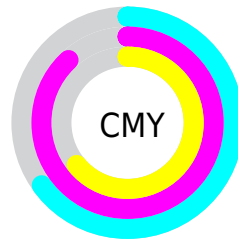
- Red (35%)
- Green (12%)
- Blue (36%)



- Red (35%)
- Yellow (12%)
- Blue (36%)



- Cyan (5%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (88%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 581E5D 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 581E5D by changing the saturation by 10% instead.



 581E5D

 581E5D

FFFFFF

 3F0345

 8C4F90

 29002F

 A768AA

 000019

 C382C6

 000000

 DF9CE2

 FCB8FF

 FFD4FF

 FFF0FF

 581E5D

 581E5D

■ 57155D

■ 59275D

■ 570B5D

■ 59315D

■ 56025D

■ 5A3A5D

■ 56005D

■ 5B435D

■ 5C4D5D

■ 5C565D

■ 5D5F5D

■ 5E685D

■ 5F725D

# Harmonies

## Analogous

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



253173



581E5D



6D0A3E

# Triad

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



581E5D



493400



004552

# Complementary

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



581E5D



235D1E

# 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.



004430



581E5D



2B3D00

# Square

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



581E5D



602500



00420D



00436D

# Rectangle

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



581E5D



6F0B28



00420D



004547



# Sweetspot

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



581E5D



766078



1E235D



3C2F3D



BDBDBD



3D3D3D



# Same Dimension

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



581E5D



701778



5D1E43



2E292E



65006E



DA00ED



# Inverse Universe

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



5D1E23



78171E



1E5D38



2E292A



6E0009

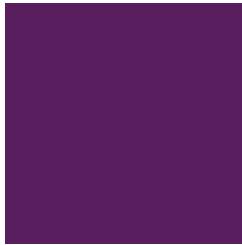


ED0013



# Previews

## White Background



This preview shows how the Hex color 581E5D looks on a white background.

## Color Contrast Check

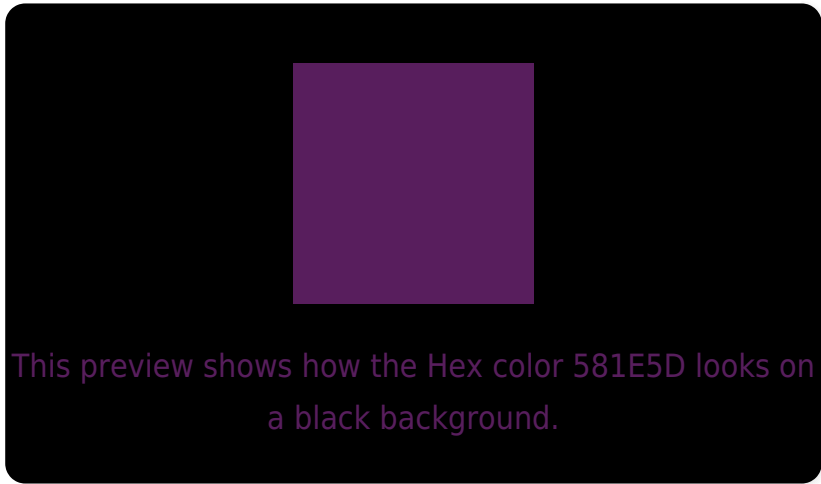
Large Text (above 18pt) WCAG AA ✓ Pass

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

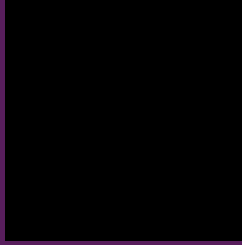
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 581E5D Background



This preview shows how black text looks on a background with the Hex color 581E5D.

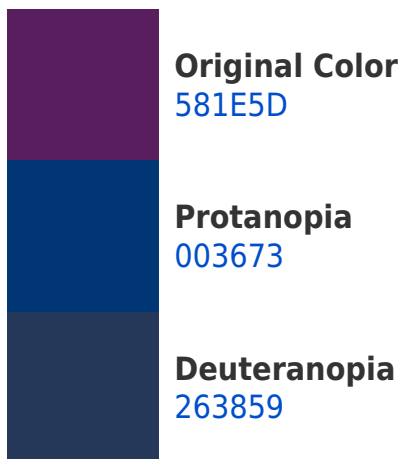


This preview shows how white text looks on a background with the Hex color 581E5D.

# 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](#).

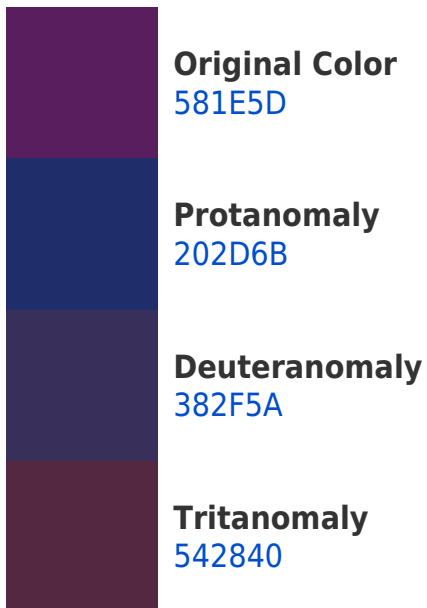
## Dichromacy



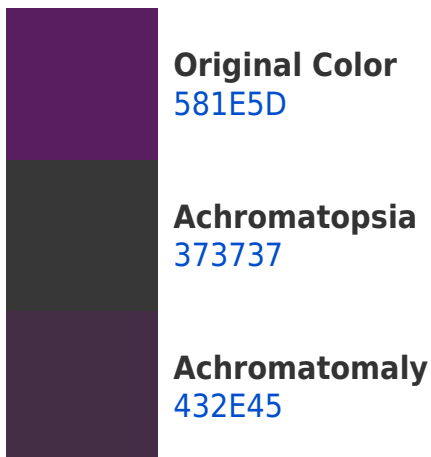


**Tritanopia**  
522D30

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 581E5D 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 #581E5D looks like.

```
.text, #text, p{  
    color:#581E5D  
}
```

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 #581E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581E5D
}
```

## Border

The CSS property to change the border of an element to Hex 581E5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

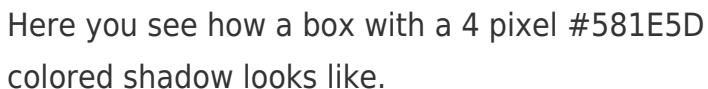
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581E5D }
```

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

```
.border{ border-color:#581E5D }
```

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



Here you see how a box with a 4 pixel #581E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581E5D; -webkit-box-shadow:4px 4px  
4px 4px #581E5D; box-shadow:4px 4px 4px  
4px #581E5D }
```

# Background

The CSS property to change the background color of an element to Hex 581E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581E5D }
```

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

```
.background{ background-color:#581E5D }
```

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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