

# Converting Colors

Hex(561D63)

Have a look what the booklet for  
Hex(561D63) contains.

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# Color

**Hex(561D63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	561D63
RGB	86, 29, 99
RGB Percent	34%, 11%, 39%
CMY	0.6627, 0.8863, 0.6118
CMYK	0.13, 0.71, 0.00, 0.61
HSL	289°, 55%, 25%
HSV	289°, 71%, 39%
XYZ	6.5292, 3.7580, 12.1856
YIQ	54.0230, 11.5020, 33.8540

# Conversions

## Conversions Part 2

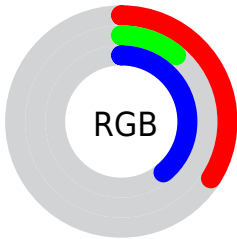
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 29, 99
Decimal	5643619
CIE <sub>Lab</sub>	22.85, 37.30, -29.39
CIE <sub>LCh</sub>	23, 47.486, 321.763
Yxy	3.7580, 0.2905, 0.1672
Android (android.graphics.Color)	4283833699 (0xFF561D63)
YUV	54.0230, 22.1737, 28.0438
Hunter-Lab	19.3856, 26.1956, -23.6993

# Details

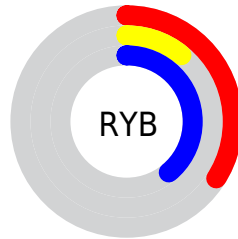
The Hex color **561D63** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A631D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8A4E96**, and **270034** is the 20% darker color. If you saturate the color by 10%, you get **541363**, and if you desaturate by 10%, it is **582763**.

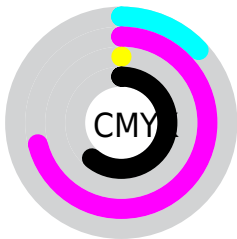
# Distribution



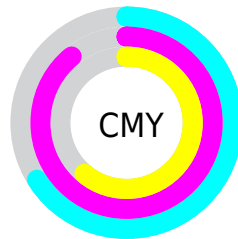
- Red (34%)
- Green (11%)
- Blue (39%)



- Red (34%)
- Yellow (11%)
- Blue (39%)



- Cyan (13%)
- Magenta (71%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (89%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 561D63 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 561D63 by changing the saturation by 10% instead.



 561D63

 561D63

FFFFFF

 3D024B

 8A4E96

 270034

 A567B1

 00001E

 C181CD

 000000

 DD9CE9

 FAB7FF

 FFD3FF

 FFF0FF

 561D63

 561D63

■ 541363

■ 582763

■ 520963

■ 5A3163

■ 510063

■ 5C3B63

■ 5D4563

■ 5F4F63

■ 615863

■ 636263

■ 656C63

■ 677663

# Harmonies

## Analogous

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



113279



561D63



6F0042

# Triad

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



561D63



4C3200



004550

# Complementary

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



561D63



2A631D

# 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.



00452B



561D63



2C3C00

# Square

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



561D63



652000



004202



00446E

# Rectangle

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



561D63



73002A



004202



004544



# Sweetspot

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



561D63



7B6580



1D2B63



3D3040



BFBFBF



404040



# Same Dimension

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



561D63



6B1380



631D4E



302C30



5B0070



C300F0



# Inverse Universe

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



631D2A



801327



1D6332



302C2D



700015

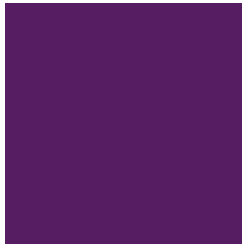


F0002D



# Previews

## White Background



This preview shows how the Hex color 561D63 looks on a white background.

## Color Contrast Check

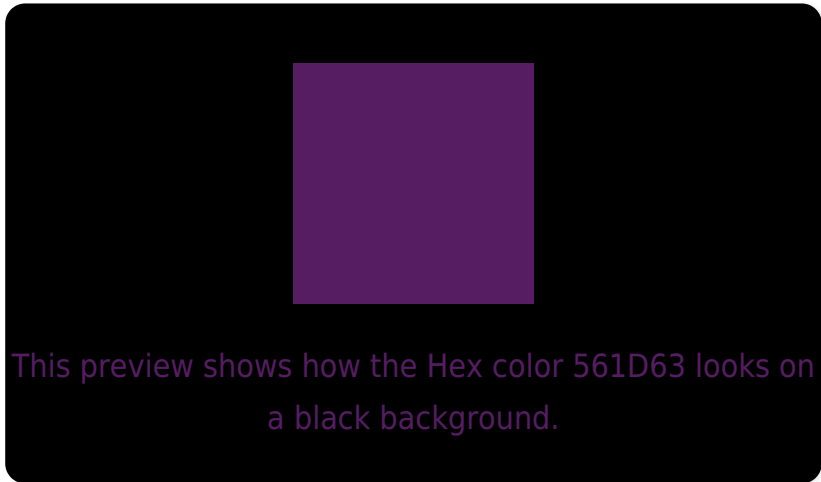
Large Text (above 18pt) WCAG AA ✓ Pass

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

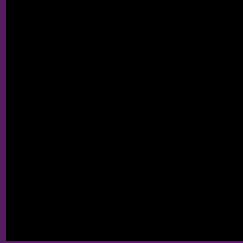
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 561D63 Background



This preview shows how black text looks on a background with the Hex color 561D63.



This preview shows how white text looks on a background with the Hex color 561D63.

# 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**  
561D63

**Protanopia**  
003672

**Deuteranopia**  
1C385E



**Tritanopia**  
4F2E31

# Trichromacy



**Original Color**  
561D63

**Protanomaly**  
1F2D6D

**Deuteranomaly**  
312E60

**Tritanomaly**  
522843

# Monochromacy



**Original Color**  
561D63

**Achromatopsia**  
363636

**Achromatomaly**  
422D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 561D63 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 #561D63 looks like.

```
.text, #text, p{  
    color:#561D63  
}
```

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 #561D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561D63
}
```

## Border

The CSS property to change the border of an element to Hex 561D63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

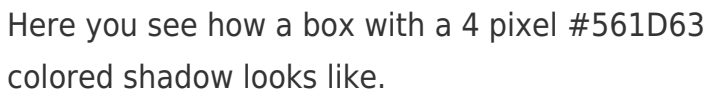
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#561D63 }
```

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

```
.border{ border-color:#561D63 }
```

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



Here you see how a box with a 4 pixel #561D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561D63; -webkit-box-shadow:4px 4px  
4px 4px #561D63; box-shadow:4px 4px 4px  
4px #561D63 }
```

# Background

The CSS property to change the background color of an element to Hex 561D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561D63 }
```

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

```
.background{ background-color:#561D63 }
```

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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