

# Converting Colors

Hex(561BA4)

Have a look what the booklet for  
Hex(561BA4) contains.

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**Color**

**Hex(561BA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	561BA4
RGB	86, 27, 164
RGB Percent	34%, 11%, 64%
CMY	0.6627, 0.8941, 0.3569
CMYK	0.48, 0.84, 0.00, 0.36
HSL	266°, 72%, 37%
HSV	266°, 84%, 64%
XYZ	10.9305, 5.4426, 35.5964
YIQ	60.2590, -8.8130, 55.1150

# Conversions

## Conversions Part 2

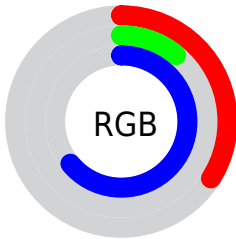
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 27, 164
Decimal	5643172
CIE <sub>Lab</sub>	27.96, 53.66, -61.98
CIE <sub>LCh</sub>	28, 81.987, 310.885
Yxy	5.4426, 0.2103, 0.1047
Android (android.graphics.Color)	4283833252 (0xFF561BA4)
YUV	60.2590, 51.1443, 22.5749
Hunter-Lab	23.3295, 42.8059, -74.1348

# Details

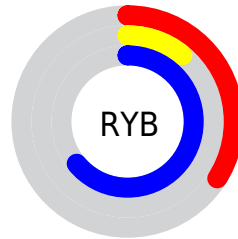
The Hex color **561BA4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **69A41B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8F50DC**, and **14006F** is the 20% darker color. If you saturate the color by 10%, you get **4D0BA4**, and if you desaturate by 10%, it is **5F2BA4**.

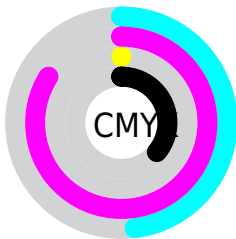
# Distribution



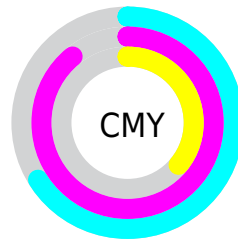
- Red (34%)
- Green (11%)
- Blue (64%)



- Red (34%)
- Yellow (11%)
- Blue (64%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (89%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 561BA4 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 561BA4 by changing the saturation by 10% instead.



561BA4

561BA4

FFFFFF

380089

8F50DC

14006F

AC6AF9

000056

C984FF

00053D

E7A0FF

000326

FFBBFF

000110

FFD8FF

000000

FFF5FF

561BA4

561BA4

■ 4D0BA4

■ 5F2BA4

■ 4700A4

■ 693CA4

■ 724CA4

■ 7B5DA4

■ 856DA4

■ 8E7DA4

■ 978EA4

■ A19EA4

■ AAFA4

# Harmonies

## Analogous

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



0045C2



561BA4



97006D

# Triad

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



561BA4



712E00



005859

# Complementary

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



561BA4



69A41B

# 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.



005613



561BA4



3D4700

# Square

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



561BA4



970000



005200



005995

# Rectangle

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



561BA4



A60043



005200



005742



# Sweetspot

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



561BA4



B8A1D6



1B6BA4



594B6B



EBEBEB



6B6B6B



# Same Dimension

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



561BA4



5C00D6



991BA4



4D4952



3F0091



080012



# Inverse Universe

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



A41B69



D6007A



26A41B



52494E



910053

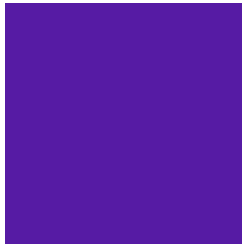


12000A



# Previews

## White Background



This preview shows how the Hex color 561BA4 looks on a white background.

## Color Contrast Check

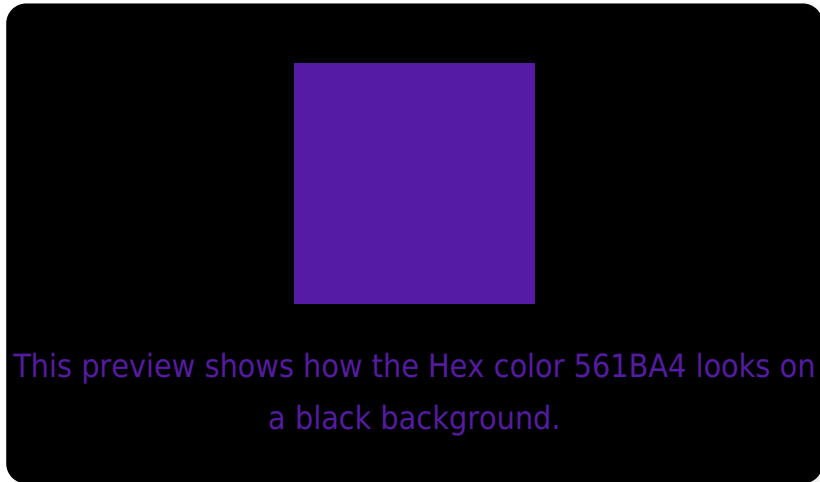
Large Text (above 18pt) WCAG AA ✓ Pass

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

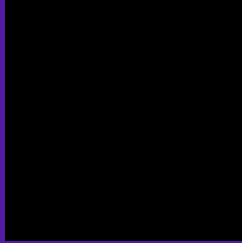
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 561BA4 Background



This preview shows how black text looks on a background with the Hex color 561BA4.



This preview shows how white text looks on a background with the Hex color 561BA4.

# 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](#).

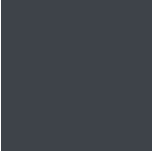
## Dichromacy



**Original Color**  
561BA4

**Protanopia**  
004188

**Deuteranopia**  
004575



**Tritanopia**  
3E4349

# Trichromacy



**Original Color**  
561BA4

**Protanomaly**  
1F3392

**Deuteranomaly**  
1F3686

**Tritanomaly**  
47346A

# Monochromacy



**Original Color**  
561BA4

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
453062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 561BA4 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 #561BA4 looks like.

```
.text, #text, p{  
    color:#561BA4  
}
```

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 #561BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561BA4
}
```

## Border

The CSS property to change the border of an element to Hex 561BA4 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
#561BA4 }
```

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

```
.border{ border-color:#561BA4 }
```

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

Here you see how a box with a 4 pixel #561BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561BA4; -webkit-box-shadow:4px 4px  
4px 4px #561BA4; box-shadow:4px 4px 4px  
4px #561BA4 }
```

# Background

The CSS property to change the background color of an element to Hex 561BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561BA4 }
```

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

```
.background{ background-color:#561BA4 }
```

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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