

# Converting Colors

Hex(56114F)

Have a look what the booklet for  
Hex(56114F) contains.

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# Color

**Hex(56114F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56114F
RGB	86, 17, 79
RGB Percent	34%, 7%, 31%
CMY	0.6627, 0.9333, 0.6902
CMYK	0.00, 0.80, 0.08, 0.66
HSL	306°, 67%, 20%
HSV	306°, 80%, 34%
XYZ	5.4495, 2.9438, 7.6781
YIQ	44.6990, 21.2220, 33.9100

# Conversions

## Conversions Part 2

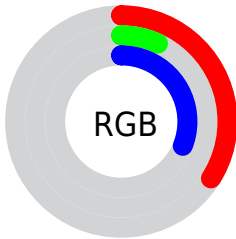
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 17, 79
Decimal	5640527
CIELab	19.82, 38.41, -20.87
CIELCh	20, 43.720, 331.481
Yxy	2.9438, 0.3391, 0.1832
Android (android.graphics.Color)	4283830607 (0xFF56114F)
YUV	44.6990, 16.9104, 36.2210
Hunter-Lab	17.1576, 26.6680, -14.5223

# Details

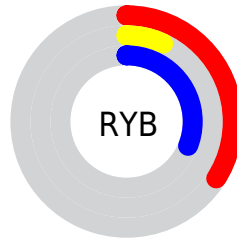
The Hex color **56114F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **115618**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8A4480**, and **290023** is the 20% darker color. If you saturate the color by 10%, you get **56084E**, and if you desaturate by 10%, it is **561A50**.

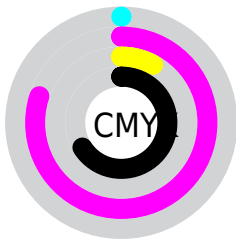
# Distribution



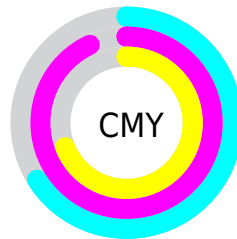
- Red (34%)
- Green (7%)
- Blue (31%)



- Red (34%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (8%)
- Black (66%)



- Cyan (66%)
- Magenta (93%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56114F 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 56114F by changing the saturation by 10% instead.



■ 56114F

■ 56114F

FFFFFF

■ 3D0038

■ 8A4480

■ 290023

■ A55D9B

■ 000008

■ C177B5

■ 000000

■ DE91D1

■ FBADED

■ FFC8FF

■ FFE5FF

■ 56114F

■ 56114F

■ 56084E

■ 561A50

■ 56004D

■ 562251

■ 562B52

■ 563352

■ 563C53

■ 564554

■ 564D55

■ 565656

■ 565E57

# Harmonies

## Analogous

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



2D2667



56114F



650030

# Triad

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



56114F



3B2F00



003D51

# Complementary

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



56114F



115618

# 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.



003D31



56114F



1B3700

# Square

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



56114F



532100



003B0E



003B68

# Rectangle

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



56114F



65041B



003B0E



003D47



# Sweetspot

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



56114F



70556D



181156



382836



B8B8B8



383838



# Same Dimension

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



56114F



700465



56112D



2B272B



6B0060



EB00D3



# Inverse Universe

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



56114F



700465



11563A



2B272B



6B0060

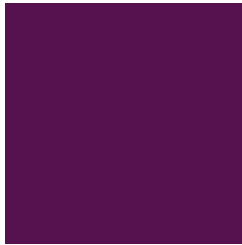


EB00D3



# Previews

## White Background



This preview shows how the Hex color 56114F looks on a white background.

## Color Contrast Check

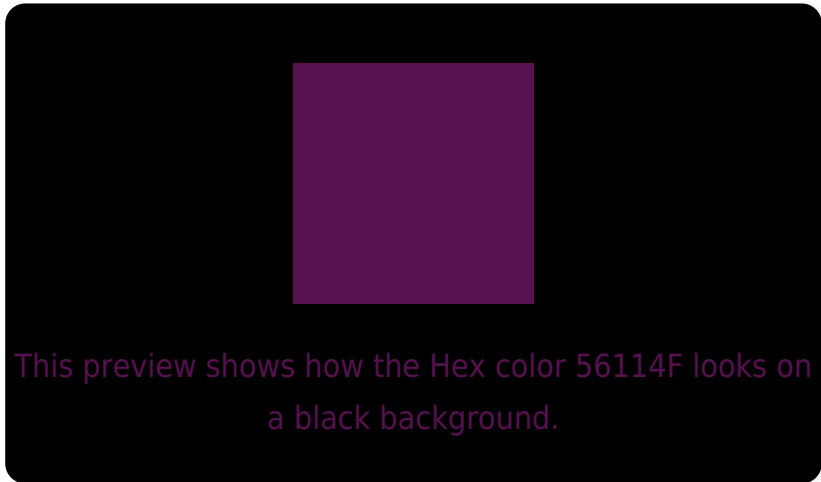
Large Text (above 18pt) WCAG AA ✓ Pass

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

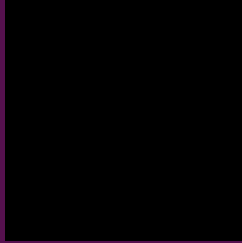
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56114F Background



This preview shows how black text looks on a background with the Hex color 56114F.

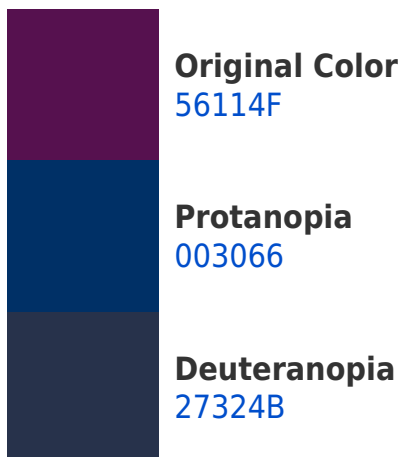


This preview shows how white text looks on a background with the Hex color 56114F.

# 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**  
522224

# Trichromacy



**Original Color**  
56114F

**Protanomaly**  
1F255E

**Deuteranomaly**  
38264C

**Tritanomaly**  
531C34

# Monochromacy



**Original Color**  
56114F

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3C2339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56114F 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 #56114F looks like.

```
.text, #text, p{  
    color:#56114F  
}
```

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 #56114F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56114F
}
```

## Border

The CSS property to change the border of an element to Hex 56114F is called "border". The border property can be set on classes, ids or directly on the HTML element.

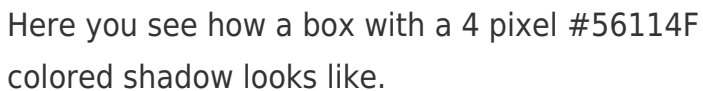
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56114F }
```

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

```
.border{ border-color:#56114F }
```

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



Here you see how a box with a 4 pixel #56114F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56114F; -webkit-box-shadow:4px 4px  
4px 4px #56114F; box-shadow:4px 4px 4px  
4px #56114F }
```

# Background

The CSS property to change the background color of an element to Hex 56114F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56114F }
```

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

```
.background{ background-color:#56114F }
```

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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