

# Converting Colors

Hex(5C4275)

Have a look what the booklet for  
Hex(5C4275) contains.

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# Color

**Hex(5C4275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4275
RGB	92, 66, 117
RGB Percent	36%, 26%, 46%
CMY	0.6392, 0.7412, 0.5412
CMYK	0.21, 0.44, 0.00, 0.54
HSL	271°, 28%, 36%
HSV	271°, 44%, 46%
XYZ	9.5727, 7.4561, 17.7643
YIQ	79.5880, -0.8750, 21.3730

# Conversions

## Conversions Part 2

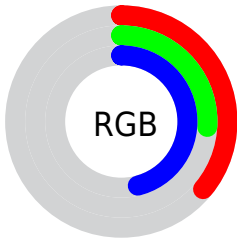
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 66, 117
Decimal	6046325
CIELab	32.82, 22.19, -25.11
CIElCh	33, 33.504, 311.466
Yxy	7.4561, 0.2751, 0.2143
Android (android.graphics.Color)	4284236405 (0xFF5C4275)
YUV	79.5880, 18.4441, 10.8853
Hunter-Lab	27.3059, 14.7923, -19.4580

# Details

The Hex color **5C4275** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5B7542**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8F72A9**, and **2C1644** is the 20% darker color. If you saturate the color by 10%, you get **563675**, and if you desaturate by 10%, it is **624E75**.

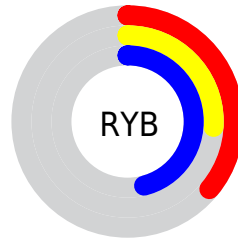
# Distribution



Red (36%)

Green (26%)

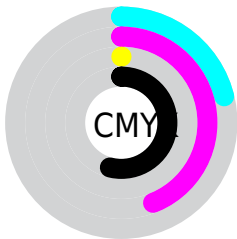
Blue (46%)



Red (36%)

Yellow (26%)

Blue (46%)

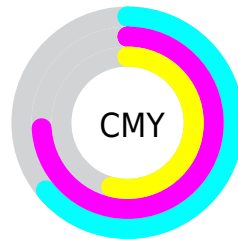


Cyan (21%)

Magenta (44%)

Yellow (0%)

Black (54%)



Cyan (64%)

Magenta (74%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4275 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 5C4275 by changing the saturation by 10% instead.



■ 5C4275

■ 5C4275

FFFFFF

■ 442B5C

■ 8F72A9

■ 2C1644

■ AA8CC5

■ 19002E

■ C6A7E1

■ 000118

■ E2C2FE

■ 000000

■ FFDEFF

■ FFFBFF

■ 5C4275

■ 5C4275

■ 563675

■ 624E75

512B75

675975

4B1F75

6D6575

451375

737175

3F0775

797D75

3C0075

7E8875

849475

8AA075

90AB75

# Harmonies

## Analogous

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



2F4D81



5C4275



75385F

# Triad

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



5C4275



69461A



005A57

# Complementary

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



5C4275



5B7542

# 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.



00593B



5C4275



524F16

# Square

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



5C4275



793C2B



355524



005970

# Rectangle

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



5C4275



7D354D



355524



005A4E



# Sweetspot

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



5C4275



8F8599



425C75



46404D



CCCCCC



4D4D4D



# Same Dimension

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



5C4275



724999



754275



38353B



3E007A



7F00FA



# Inverse Universe

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



75425B



994970



427542



3B3538



7A003C



FA007B



# Previews

## White Background



This preview shows how the Hex color 5C4275 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

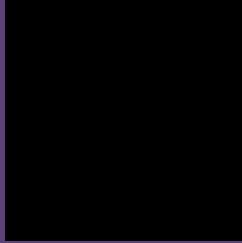
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4275 Background



This preview shows how black text looks on a background with the Hex color 5C4275.



This preview shows how white text looks on a background with the Hex color 5C4275.

# 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**  
5C4275

**Protanopia**  
3A4C7E

**Deuteranopia**  
3D4D73



**Tritanopia**  
564A50

# Trichromacy



**Original Color**  
5C4275

**Protanomaly**  
46487B

**Deuteranomaly**  
484974

**Tritanomaly**  
58475D

# Monochromacy



**Original Color**  
5C4275

**Achromatopsia**  
505050

**Achromatomaly**  
544B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4275 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 #5C4275 looks like.

```
.text, #text, p{  
    color:#5C4275  
}
```

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 #5C4275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4275
}
```

## Border

The CSS property to change the border of an element to Hex 5C4275 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
#5C4275 }
```

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

```
.border{ border-color:#5C4275 }
```

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

Here you see how a box with a 4 pixel #5C4275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4275; -webkit-box-shadow:4px 4px  
4px 4px #5C4275; box-shadow:4px 4px 4px  
4px #5C4275 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4275 }
```

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

```
.background{ background-color:#5C4275 }
```

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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