

# Converting Colors

Hex(8C5475)

Have a look what the booklet for  
Hex(8C5475) contains.

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# Color

**Hex(8C5475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5475
RGB	140, 84, 117
RGB Percent	55%, 33%, 46%
CMY	0.4510, 0.6706, 0.5412
CMYK	0.00, 0.40, 0.16, 0.45
HSL	325°, 25%, 44%
HSV	325°, 40%, 55%
XYZ	17.1964, 13.2005, 18.4712
YIQ	104.5060, 22.7830, 22.1350

# Conversions

## Conversions Part 2

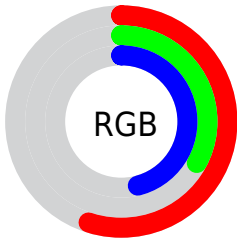
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 84, 117
Decimal	9196661
CIE Lab	43.06, 28.21, -8.88
CIE LCh	43, 29.574, 342.523
Yxy	13.2005, 0.3519, 0.2701
Android (android.graphics.Color)	4287386741 (0xFF8C5475)
YUV	104.5060, 6.1595, 31.1282
Hunter-Lab	36.3324, 20.9037, -4.7100

# Details

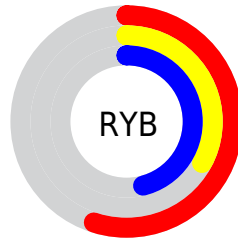
The Hex color **8C5475** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **548C6B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C387A9**, and **582545** is the 20% darker color. If you saturate the color by 10%, you get **8C466F**, and if you desaturate by 10%, it is **8C627B**.

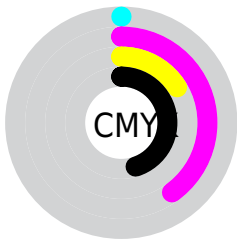
# Distribution



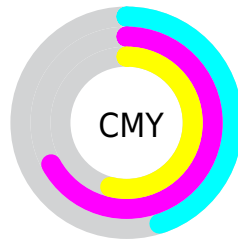
- Red (55%)
- Green (33%)
- Blue (46%)



- Red (55%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5475 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 8C5475 by changing the saturation by 10% instead.



 8C5475

 8C5475

FFFFFF

 723C5C

 C387A9

 582545

 DFA1C4

 400D2E

 FCBDE0

 2A001A

 FFD9FD

 000000

 FFF5FF

 8C5475

 8C5475

 8C466F

 8C627B

 8C386A

 8C7081

 8C2A64

 8C7E86

 8C1C5E

 8C8C8C

 8C0E58

 8C9A92

 8C0053

 8CA898

 8CB69D

 8CC4A3

 8CD2A9

# Harmonies

## Analogous

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



755B8A



8C5475



95525C

# Triad

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



8C5475



6B6835



007186

# Complementary

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



8C5475



548C6B

# 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.



00736F



8C5475



506E41

# Square

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



8C5475



815F37



2F7156



1F6C94

# Rectangle

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



8C5475



93554D



2F7156



00727F



# Sweetspot

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



8C5475



B59FAC



6A548C



5C4F57



DBDBDB



5C5C5C



# Same Dimension

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



8C5475



B55E91



8C545A



453E42



85004E



050003



# Inverse Universe

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



8C5475



B55E91



548C86



453E42



85004E

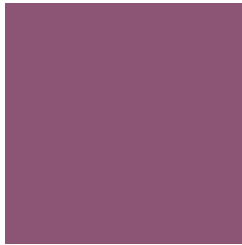


050003



# Previews

## White Background



This preview shows how the Hex color 8C5475 looks on a white background.

## Color Contrast Check

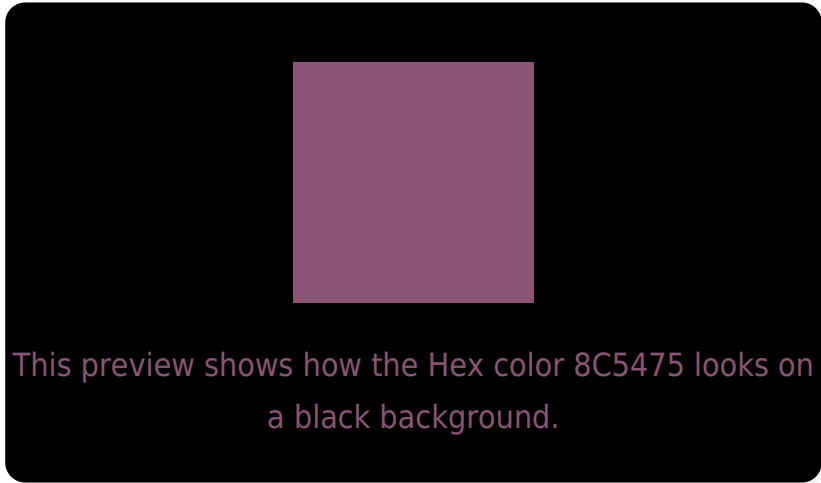
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

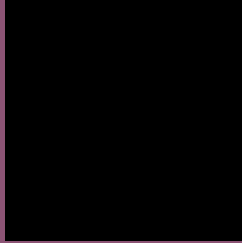
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5475 Background



This preview shows how black text looks on a background with the Hex color 8C5475.



This preview shows how white text looks on a background with the Hex color 8C5475.

# 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**  
8A585F

# Trichromacy



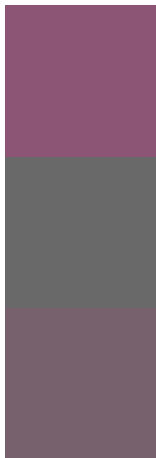
**Original Color**  
8C5475

**Protanomaly**  
6F5F7D

**Deuteranomaly**  
765E73

**Tritanomaly**  
8B5767

# Monochromacy



**Original Color**  
8C5475

**Achromatopsia**  
696969

**Achromatomaly**  
76616D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5475 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 #8C5475 looks like.

```
.text, #text, p{  
    color:#8C5475  
}
```

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 #8C5475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5475
}
```

## Border

The CSS property to change the border of an element to Hex 8C5475 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
#8C5475 }
```

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

```
.border{ border-color:#8C5475 }
```

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

Here you see how a box with a 4 pixel #8C5475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5475; -webkit-box-shadow:4px 4px  
4px 4px #8C5475; box-shadow:4px 4px 4px  
4px #8C5475 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5475 }
```

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

```
.background{ background-color:#8C5475 }
```

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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