

# Converting Colors

Hex(55296C)

Have a look what the booklet for  
Hex(55296C) contains.

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# Color

Hex(55296C)

# Conversions

## Conversions Part 1

Format	Color
Hex	55296C
RGB	85, 41, 108
RGB Percent	33%, 16%, 42%
CMY	0.6667, 0.8392, 0.5765
CMYK	0.21, 0.62, 0.00, 0.58
HSL	279°, 45%, 29%
HSV	279°, 62%, 42%
XYZ	7.2460, 4.5999, 14.6933
YIQ	61.7940, 4.7170, 30.1650

# Conversions

## Conversions Part 2

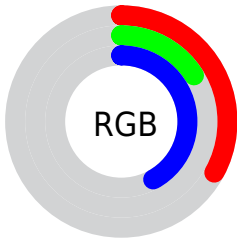
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 41, 108
Decimal	5581164
CIE <sub>Lab</sub>	25.56, 32.86, -30.92
CIE <sub>LCh</sub>	26, 45.123, 316.738
Yxy	4.5999, 0.2730, 0.1733
Android (android.graphics.Color)	4283771244 (0xFF55296C)
YUV	61.7940, 22.7796, 20.3517
Hunter-Lab	21.4473, 22.7738, -25.6057

# Details

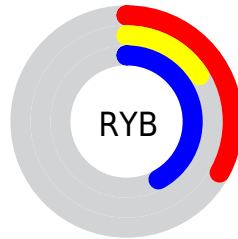
The Hex color **55296C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406C29**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8959A0**, and **25003C** is the 20% darker color. If you saturate the color by 10%, you get **511E6C**, and if you desaturate by 10%, it is **59346C**.

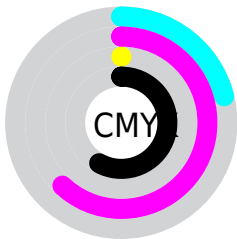
# Distribution



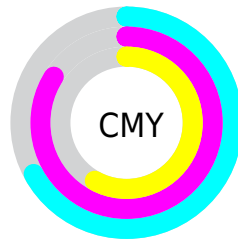
- Red (33%)
- Green (16%)
- Blue (42%)



- Red (33%)
- Yellow (16%)
- Blue (42%)



- Cyan (21%)
- Magenta (62%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55296C 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 55296C by changing the saturation by 10% instead.



■ 55296C

■ 55296C

FFFFFF

■ 3C1153

■ 8959A0

■ 25003C

■ A472BB

■ 060026

■ BF8CD7

■ 00010E

■ DCA7F4

■ 000000

■ F9C2FF

■ FFDEFF

■ FFFBFF

■ 55296C

■ 55296C

■ 511E6C

■ 59346C

■ 4E136C

■ 5C3F6C

■ 4A096C

■ 60496C

■ 47006C

■ 64546C

■ 685F6C

■ 6B6A6C

■ 6F756C

■ 737F6C

■ 768A6C

# Harmonies

## Analogous

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



043A7F



55296C



71154D

# Triad

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



55296C



583500



004B4F

# Complementary

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



55296C



406C29

# 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.



004A2C



55296C



3A4100

# Square

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



55296C



6D2509



064705



004A6E

# Rectangle

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



55296C



781036



064705



004B44



# Sweetspot

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



55296C



83728C



29406C



423747



C7C7C7



474747



# Same Dimension

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



55296C



69248C



6C2962



343036



4D0075



A100F5



# Inverse Universe

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



6C2940



8C2448



296C33



363032



750028

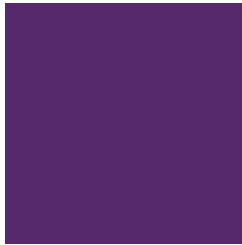


F50054



# Previews

## White Background



This preview shows how the Hex color 55296C 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

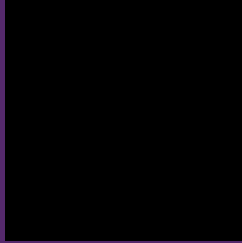
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55296C Background



This preview shows how black text looks on a background with the Hex color 55296C.



This preview shows how white text looks on a background with the Hex color 55296C.

# 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**  
4D373B

# Trichromacy



**Original Color**  
55296C

**Protanomaly**  
1F3477

**Deuteranomaly**  
323669

**Tritanomaly**  
50324D

# Monochromacy



**Original Color**  
55296C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
46364F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55296C 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 #55296C looks like.

```
.text, #text, p{  
    color:#55296C  
}
```

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 #55296C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55296C
}
```

## Border

The CSS property to change the border of an element to Hex 55296C 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
#55296C }
```

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

```
.border{ border-color:#55296C }
```

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

Here you see how a box with a 4 pixel #55296C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55296C; -webkit-box-shadow:4px 4px  
4px 4px #55296C; box-shadow:4px 4px 4px  
4px #55296C }
```

# Background

The CSS property to change the background color of an element to Hex 55296C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55296C }
```

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

```
.background{ background-color:#55296C }
```

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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