

Converting Colors

Hex(57286F)

Have a look what the booklet for
Hex(57286F) contains.

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Color

Hex(57286F)

Conversions

Conversions Part 1

Format	Color
Hex	57286F
RGB	87, 40, 111
RGB Percent	34%, 16%, 44%
CMY	0.6588, 0.8431, 0.5647
CMYK	0.22, 0.64, 0.00, 0.56
HSL	280°, 47%, 30%
HSV	280°, 64%, 44%
XYZ	7.5585, 4.6915, 15.5461
YIQ	62.1470, 5.2210, 32.0450

Conversions

Conversions Part 2

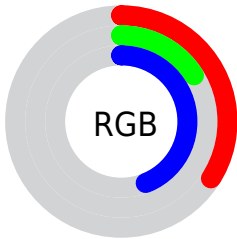
Format	Color
R_{YB}	87, 40, 111
Decimal	5711983
CIE _{Lab}	25.84, 34.68, -32.40
CIE _{LCh}	26, 47.461, 316.950
Yxy	4.6915, 0.2719, 0.1688
Android (android.graphics.Color)	4283902063 (0xFF57286F)
YUV	62.1470, 24.0845, 21.7961
Hunter-Lab	21.6599, 24.3851, -27.3926

Details

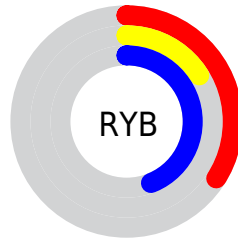
The Hex color **57286F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406F28**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8B58A3**, and **26003F** is the 20% darker color. If you saturate the color by 10%, you get **531D6F**, and if you desaturate by 10%, it is **5B336F**.

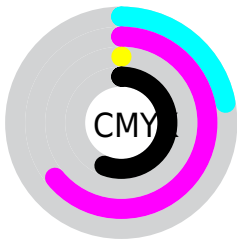
Distribution



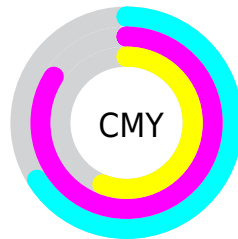
- Red (34%)
- Green (16%)
- Blue (44%)



- Red (34%)
- Yellow (16%)
- Blue (44%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57286F 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 57286F by changing the saturation by 10% instead.

■ 57286F

■ 57286F

FFFFFF

■ 3E1056

■ 8B58A3

■ 26003F

■ A671BE

■ 0B0028

■ C28BDA

■ 000112

■ DEA6F7

■ 000000

■ FBC2FF

■ FFDEFF

■ FFFBFF

■ 57286F

■ 57286F

■ 531D6F

■ 5B336F

■ 4F126F

■ 5F3E6F

■ 4C076F

■ 62496F

■ 49006F

■ 66546F

■ 6A606F

■ 6E6B6F

■ 71766F

■ 75816F

■ 798C6F

Harmonies

Analogous

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



003B83



57286F



74114E

Triad

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



57286F



593600



004D51

Complementary

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



57286F



406F28

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.



004C2C



57286F



3A4200

Square

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



57286F



702406



004802



004B72

Rectangle

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



57286F



7B0A36



004802



004D45

Sweetspot

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



57286F



887691



28416F



44394A



C9C9C9



4A4A4A

Same Dimension

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



57286F



6C2191



6F2864



363238



4F0078



A400F7

Inverse Universe

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



6F2840



912147



286F33



383234



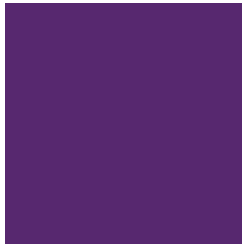
780029



F70054

Previews

White Background



This preview shows how the Hex color 57286F 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

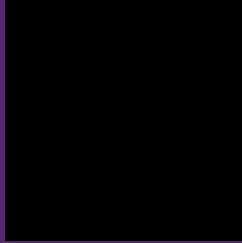
Any Text WCAG AA × Fail

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 57286F Background



This preview shows how black text looks on a background with the Hex color 57286F.



This preview shows how white text looks on a background with the Hex color 57286F.

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
4F373C

Trichromacy



Original Color
57286F

Protanomaly
203579

Deuteranomaly
31376C

Tritanomaly
52324F

Monochromacy



Original Color
57286F

Achromatopsia
3E3E3E

Achromatomaly
473650

CSS Examples

Text

The CSS property to change the color of the text to Hex 57286F 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 #57286F looks like.

```
.text, #text, p{  
    color:#57286F  
}
```

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 #57286F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57286F
}
```

Border

The CSS property to change the border of an element to Hex 57286F is called "border". The border property can be set on classes, ids or directly on the HTML element.

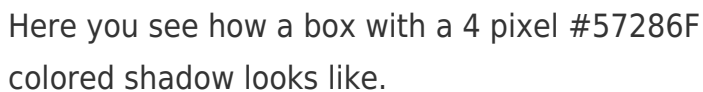
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57286F }
```

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

```
.border{ border-color:#57286F }
```

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



Here you see how a box with a 4 pixel #57286F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57286F; -webkit-box-shadow:4px 4px  
4px 4px #57286F; box-shadow:4px 4px 4px  
4px #57286F }
```

Background

The CSS property to change the background color of an element to Hex 57286F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57286F }
```

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

```
.background{ background-color:#57286F }
```

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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