

Converting Colors

Hex(66305F)

Have a look what the booklet for
Hex(66305F) contains.

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Color

Hex(66305F)

Conversions

Conversions Part 1

Format	Color
Hex	66305F
RGB	102, 48, 95
RGB Percent	40%, 19%, 37%
CMY	0.6000, 0.8118, 0.6275
CMYK	0.00, 0.53, 0.07, 0.60
HSL	308°, 36%, 29%
HSV	308°, 53%, 40%
XYZ	8.6020, 5.7649, 11.4858
YIQ	69.5040, 17.0970, 26.0650

Conversions

Conversions Part 2

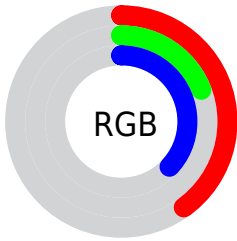
Format	Color
R_{YB}	102, 48, 95
Decimal	6697055
CIE _{Lab}	28.81, 31.33, -17.24
CIE _{LCh}	29, 35.763, 331.182
Yxy	5.7649, 0.3327, 0.2230
Android (android.graphics.Color)	4284887135 (0xFF66305F)
YUV	69.5040, 12.5695, 28.4990
Hunter-Lab	24.0102, 21.9322, -11.5556

Details

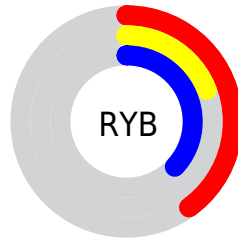
The Hex color **66305F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306637**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9A6192**, and **350031** is the 20% darker color. If you saturate the color by 10%, you get **66265E**, and if you desaturate by 10%, it is **663A60**.

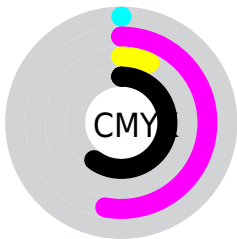
Distribution



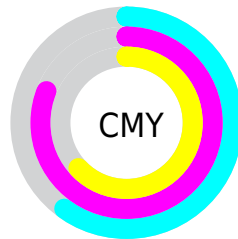
- Red (40%)
- Green (19%)
- Blue (37%)



- Red (40%)
- Yellow (19%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66305F 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 66305F by changing the saturation by 10% instead.

66305F

66305F

FFFFFF

4D1847

9A6192

350031

B67AAC

21001C

D294C8

000000

EFAFE4

FFCBFF

FFE7FF

66305F

66305F

66265E

663A60

661C5C

664462

66115B

664F63

66075A

665964

660059

666366

666D67

667768

66826A

668C6B

Harmonies

Analogous

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



453C73



66305F



752944

Triad

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



66305F



514305



005160

Complementary

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



66305F



306637

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.



005144



66305F



354B10

Square

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



66305F



673812



044F28



004E74

Rectangle

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



66305F



762B32



044F28



005157

Sweetspot

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



66305F



856F82



363066



423641



C2C2C2



424242

Same Dimension

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



66305F



85307A



663045



332E32



730064



F200D3

Inverse Universe

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



66305F



85307A



306651



332E32



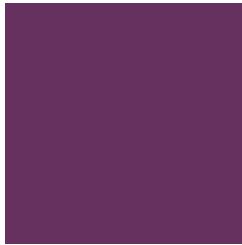
730064



F200D3

Previews

White Background



This preview shows how the Hex color 66305F looks on a white background.

Color Contrast Check

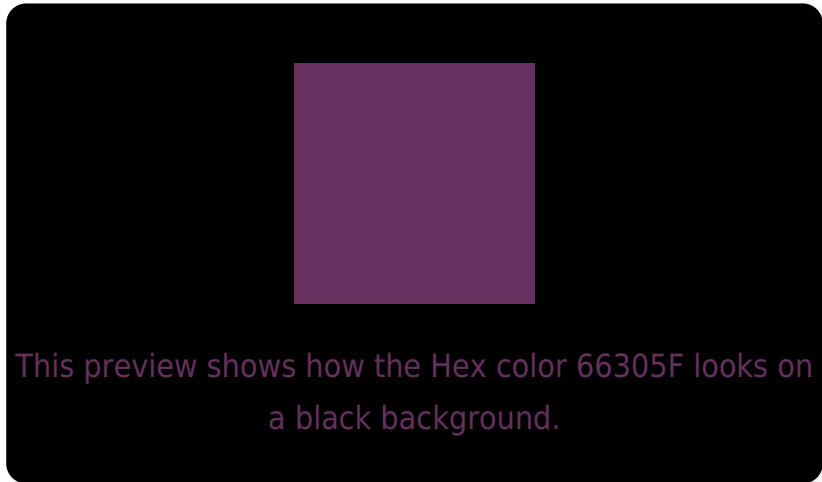
Large Text (above 18pt) WCAG AA ✓ Pass

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

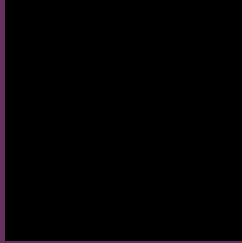
Any Text WCAG AA × Fail

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 66305F Background



This preview shows how black text looks on a background with the Hex color 66305F.

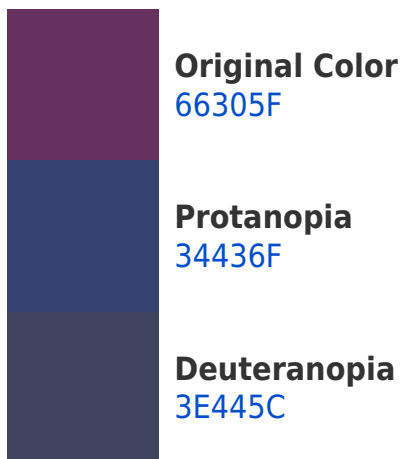



This preview shows how white text looks on a background with the Hex color 66305F.

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
62383C

Trichromacy



Original Color
66305F

Protanomaly
463C69

Deuteranomaly
4D3D5D

Tritanomaly
633549

Monochromacy



Original Color
66305F

Achromatopsia
464646

Achromatomaly
523E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 66305F 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 #66305F looks like.

```
.text, #text, p{  
    color:#66305F  
}
```

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 #66305F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66305F
}
```

Border

The CSS property to change the border of an element to Hex 66305F is called "border". The border property can be set on classes, ids or directly on the HTML element.

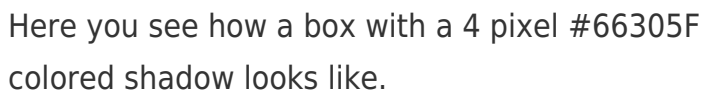
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66305F }
```

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

```
.border{ border-color:#66305F }
```

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



Here you see how a box with a 4 pixel #66305F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66305F; -webkit-box-shadow:4px 4px  
4px 4px #66305F; box-shadow:4px 4px 4px  
4px #66305F }
```

Background

The CSS property to change the background color of an element to Hex 66305F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66305F }
```

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

```
.background{ background-color:#66305F }
```

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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