

Converting Colors

Hex(66283F)

Have a look what the booklet for
Hex(66283F) contains.

Hex(66283F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66283F)

Conversions

Conversions Part 1

Format	Color
Hex	66283F
RGB	102, 40, 63
RGB Percent	40%, 16%, 25%
CMY	0.6000, 0.8431, 0.7529
CMYK	0.00, 0.61, 0.38, 0.60
HSL	338°, 44%, 28%
HSV	338°, 61%, 40%
XYZ	7.1355, 4.7012, 5.2340
YIQ	61.1600, 29.5690, 20.2970

Conversions

Conversions Part 2

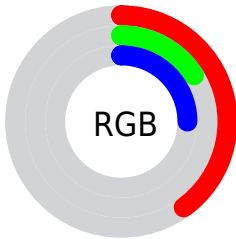
Format	Color
R_{YB}	102, 40, 63
Decimal	6694975
CIE _{Lab}	25.87, 30.47, -0.54
CIE _{LCh}	26, 30.474, 358.990
Yxy	4.7012, 0.4180, 0.2754
Android (android.graphics.Color)	4284885055 (0xFF66283F)
YUV	61.1600, 0.9071, 35.8167
Hunter-Lab	21.6824, 20.7988, 0.8654

Details

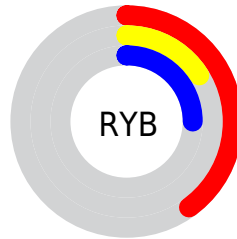
The Hex color **66283F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28664F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9B586E**, and **340015** is the 20% darker color. If you saturate the color by 10%, you get **661E39**, and if you desaturate by 10%, it is **663245**.

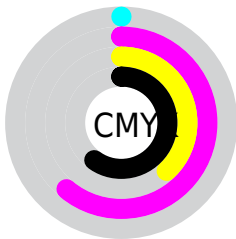
Distribution



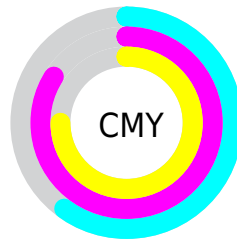
- Red (40%)
- Green (16%)
- Blue (25%)



- Red (40%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66283F 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 66283F by changing the saturation by 10% instead.



66283F



66283F

FFFFFF



4C1029



9B586E



340015



B77288



190001



D38CA2



000000



F0A6BD



FFC2D9



FFDEF5



FFFBFF



66283F



66283F

661E39

663245

661432

663C4C

66092C

664752

660026

665159

665B5F

666565

666F6C

667A72

668479

Harmonies

Analogous

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



592E55



66283F



662B28

Triad

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



66283F



334212



004665

Complementary

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



66283F



28664F

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.



004853



66283F



124624

Square

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



66283F



4A3C0B



00483C



00406C

Rectangle

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



66283F



60301B



00483C



004760

Sweetspot

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



66283F



856D76



4E2866



423439



C2C2C2



424242

Same Dimension

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



66283F



852448



662F28



332E30



73002B



F2005A

Inverse Universe

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



66283F



852448



285F66



332E30



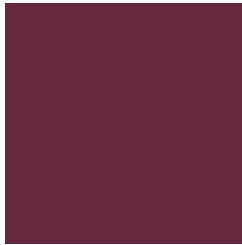
73002B



F2005A

Previews

White Background



This preview shows how the Hex color 66283F looks on a white background.

Color Contrast Check

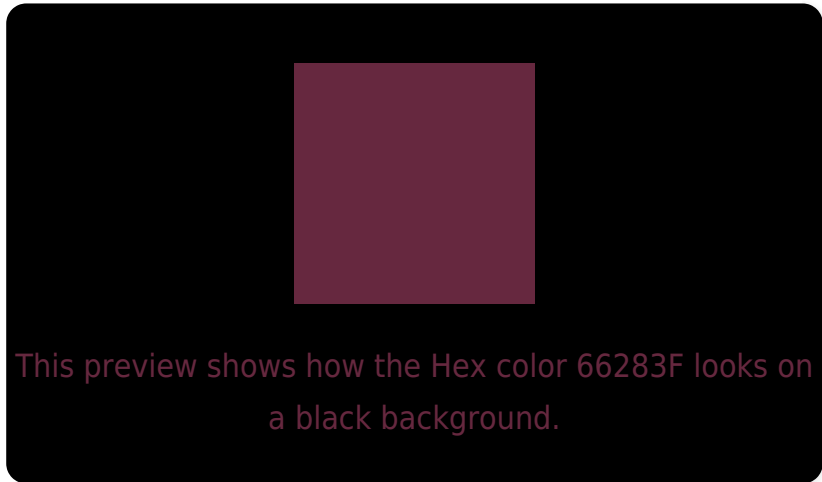
Large Text (above 18pt) WCAG AA ✓ Pass

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

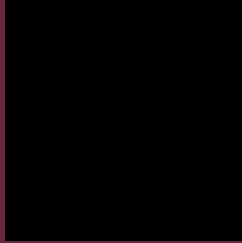
Any Text WCAG AA × Fail

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 66283F Background



This preview shows how black text looks on a background with the Hex color 66283F.



This preview shows how white text looks on a background with the Hex color 66283F.

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
66283F

Protanopia
3B3E4C

Deuteranopia
453C3C



Tritanopia
652B2E

Trichromacy



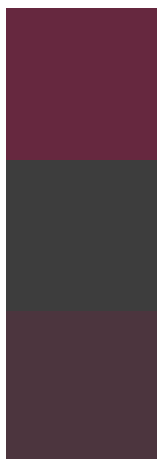
Original Color
66283F

Protanomaly
4B3647

Deuteranomaly
51353D

Tritanomaly
652A34

Monochromacy



Original Color
66283F

Achromatopsia
3D3D3D

Achromatomaly
4C353E

CSS Examples

Text

The CSS property to change the color of the text to Hex 66283F 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 #66283F looks like.

```
.text, #text, p{  
    color:#66283F  
}
```

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 #66283F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66283F
}
```

Border

The CSS property to change the border of an element to Hex 66283F is called "border". The border property can be set on classes, ids or directly on the HTML element.

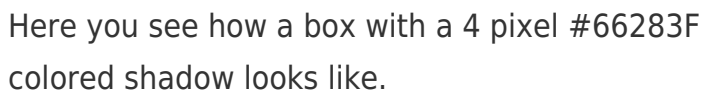
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66283F }
```

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

```
.border{ border-color:#66283F }
```

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



Here you see how a box with a 4 pixel #66283F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66283F; -webkit-box-shadow:4px 4px  
4px 4px #66283F; box-shadow:4px 4px 4px  
4px #66283F }
```

Background

The CSS property to change the background color of an element to Hex 66283F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66283F }
```

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

```
.background{ background-color:#66283F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor