

Converting Colors

Hex(66192F)

Have a look what the booklet for
Hex(66192F) contains.

Hex(66192F)	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(66192F)

Conversions

Conversions Part 1

Format	Color
Hex	66192F
RGB	102, 25, 47
RGB Percent	40%, 10%, 18%
CMY	0.6000, 0.9020, 0.8157
CMYK	0.00, 0.75, 0.54, 0.60
HSL	343°, 61%, 25%
HSV	343°, 75%, 40%
XYZ	6.3402, 3.7253, 3.0742
YIQ	50.5310, 38.8300, 23.1660

Conversions

Conversions Part 2

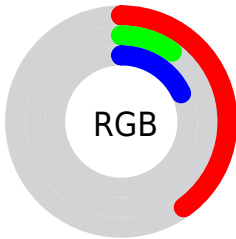
Format	Color
R_{YB}	102, 25, 47
Decimal	6691119
CIE _{Lab}	22.74, 35.79, 5.90
CIE _{LCh}	23, 36.273, 9.354
Yxy	3.7253, 0.4825, 0.2835
Android (android.graphics.Color)	4284881199 (0xFF66192F)
YUV	50.5310, -1.7408, 45.1383
Hunter-Lab	19.3010, 24.8590, 4.0671

Details

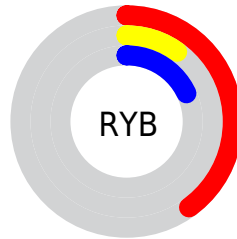
The Hex color **66192F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **196650**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9D4B5D**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **660F28**, and if you desaturate by 10%, it is **662336**.

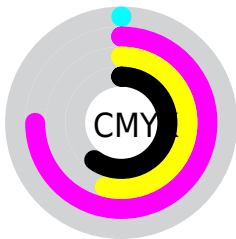
Distribution



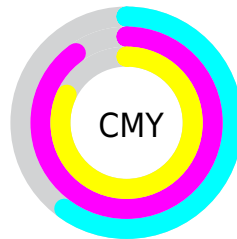
- Red (40%)
- Green (10%)
- Blue (18%)



- Red (40%)
- Yellow (10%)
- Blue (18%)



- Cyan (0%)
- Magenta (75%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66192F 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 66192F by changing the saturation by 10% instead.

66192F

66192F

FFFFFF

4B001A

9D4B5D

340000

B96475

0C0000

D67E8F

000000

F399A9

FFB4C4

FFD0E0

FFEDFD

66192F

66192F

■ 660F28

■ 662336

■ 660520

■ 662D3E

■ 66001D

■ 663845

■ 66424C

■ 664C53

■ 66565B

■ 666062

■ 666B69

■ 667571

Harmonies

Analogous

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



5D1E4A



66192F



612215

Triad

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



66192F



1D3E06



003E69

Complementary

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



66192F



196650

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.



004258



66192F



004122

Square

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



66192F



3C3800



00433E



00376C

Rectangle

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



66192F



582A03



00433E



004065

Sweetspot

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



66192F



85666F



4F1966



423035



C2C2C2



424242

Same Dimension

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



66192F



850C2E



662819



332E2F



730021



F20045

Inverse Universe

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



66192F



850C2E



195766



332E2F



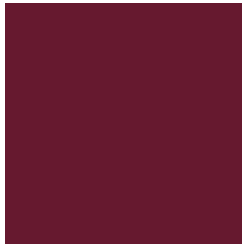
730021



F20045

Previews

White Background



This preview shows how the Hex color 66192F looks on a white background.

Color Contrast Check

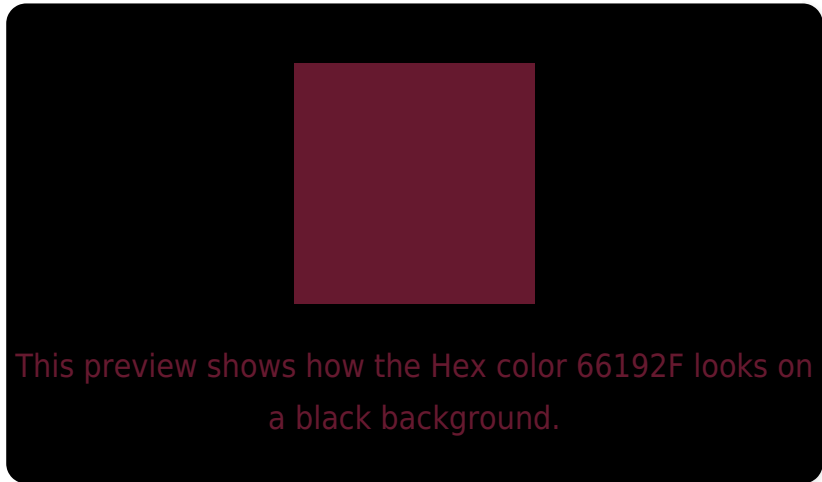
Large Text (above 18pt) WCAG AA ✓ Pass

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 66192F Background



This preview shows how black text looks on a background with the Hex color 66192F.



This preview shows how white text looks on a background with the Hex color 66192F.

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
66192F

Protanopia
37383F

Deuteranopia
42362B



Tritanopia
651D1E

Trichromacy



Original Color
66192F

Protanomaly
482D39

Deuteranomaly
4F2B2C

Tritanomaly
651C24

Monochromacy



Original Color
66192F

Achromatopsia
333333

Achromatomaly
462A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 66192F 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 #66192F looks like.

```
.text, #text, p{  
    color:#66192F  
}
```

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 #66192F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66192F
}
```

Border

The CSS property to change the border of an element to Hex 66192F is called "border". The border property can be set on classes, ids or directly on the HTML element.

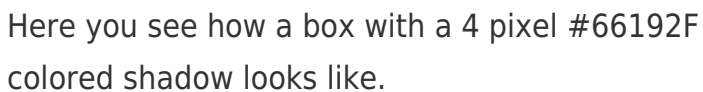
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66192F }
```

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

```
.border{ border-color:#66192F }
```

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



Here you see how a box with a 4 pixel #66192F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66192F; -webkit-box-shadow:4px 4px  
4px 4px #66192F; box-shadow:4px 4px 4px  
4px #66192F }
```

Background

The CSS property to change the background color of an element to Hex 66192F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66192F }
```

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

```
.background{ background-color:#66192F }
```

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