

Converting Colors

Hex(66242C)

Have a look what the booklet for
Hex(66242C) contains.

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Color

Hex(66242C)

Conversions

Conversions Part 1

Format	Color
Hex	66242C
RGB	102, 36, 44
RGB Percent	40%, 14%, 17%
CMY	0.6000, 0.8588, 0.8275
CMYK	0.00, 0.65, 0.57, 0.60
HSL	353°, 48%, 27%
HSV	353°, 65%, 40%
XYZ	6.5650, 4.2684, 2.8607
YIQ	56.6460, 36.7680, 16.4800

Conversions

Conversions Part 2

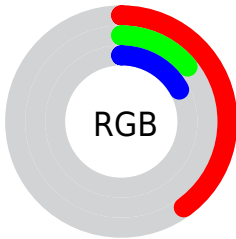
Format	Color
RYB	102, 36, 44
Decimal	6693932
CIELab	24.54, 30.41, 10.44
CIElCh	25, 32.151, 18.946
Yxy	4.2684, 0.4794, 0.3117
Android (android.graphics.Color)	4284884012 (0xFF66242C)
YUV	56.6460, -6.2345, 39.7755
Hunter-Lab	20.6601, 20.5655, 6.2523

Details

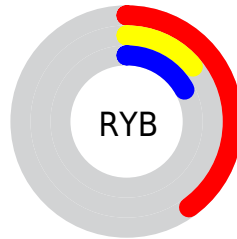
The Hex color **66242C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24665E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **9C5459**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **661A23**, and if you desaturate by 10%, it is **662E35**.

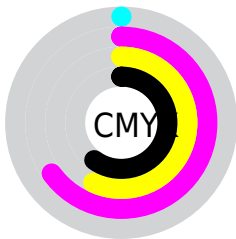
Distribution



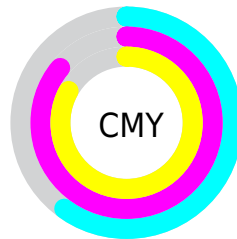
- Red (40%)
- Green (14%)
- Blue (17%)



- Red (40%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (86%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66242C 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 66242C by changing the saturation by 10% instead.

 66242C

 66242C

FFFFFF

 4C0B18

 9C5459

 340000

 B96D72

 110000

 D5878B

 000000

 F3A2A6

 FFBDC1

 FFD9DD

 FFF6F9

 66242C

 66242C

■ 661A23

■ 662E35

■ 66101A

■ 66383E

■ 660511

■ 664347

■ 66000C

■ 664D50

■ 665759

■ 666162

■ 666B6B

■ 667674

■ 66807D

Harmonies

Analogous

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



622444



66242C



5E2C16

Triad

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



66242C



1A4319



00406A

Complementary

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



66242C



24665E

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.



00445E



66242C



004530

Square

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



66242C



383E06



004649



293868

Rectangle

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



66242C



54330A



004649



004267

Sweetspot

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



66242C



856B6E



5D2466



423335



C2C2C2



424242

Same Dimension

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



66242C



851D2A



663C24



332E2F



73000E



F2001D

Inverse Universe

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



66242C



851D2A



244E66



332E2F



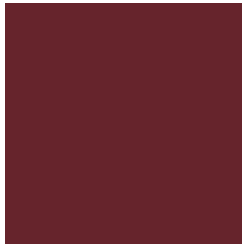
73000E



F2001D

Previews

White Background



This preview shows how the Hex color 66242C looks on a white background.

Color Contrast Check

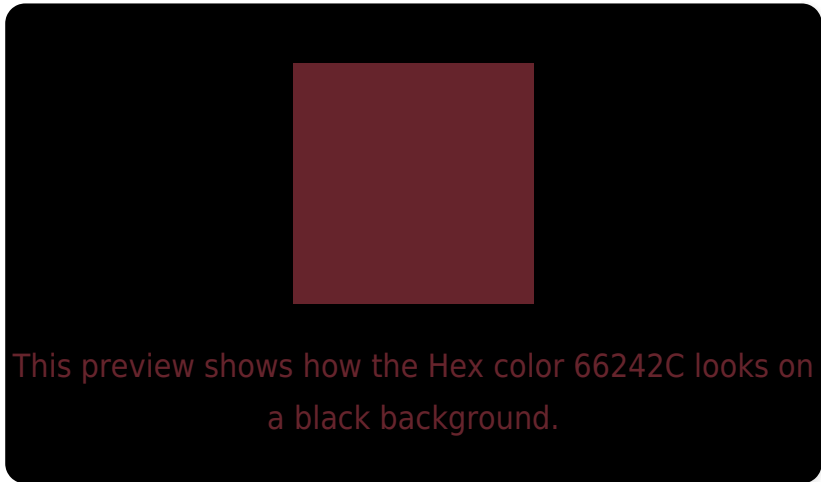
Large Text (above 18pt) WCAG AA ✓ Pass

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

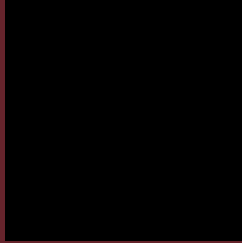
Any Text WCAG AA × Fail

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 66242C Background



This preview shows how black text looks on a background with the Hex color 66242C.



This preview shows how white text looks on a background with the Hex color 66242C.

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
66242C

Protanopia
3E3B37

Deuteranopia
473929



Tritanopia
662527

Trichromacy



Original Color
66242C

Protanomaly
4D3333

Deuteranomaly
52312A

Tritanomaly
662529

Monochromacy



Original Color
66242C

Achromatopsia
393939

Achromatomaly
493134

CSS Examples

Text

The CSS property to change the color of the text to Hex 66242C 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 #66242C looks like.

```
.text, #text, p{  
    color:#66242C  
}
```

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 #66242C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66242C
}
```

Border

The CSS property to change the border of an element to Hex 66242C is called "border". The border property can be set on classes, ids or directly on the HTML element.

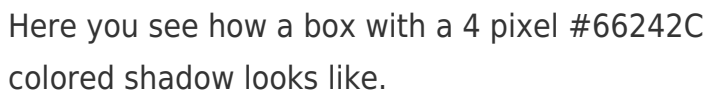
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66242C }
```

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

```
.border{ border-color:#66242C }
```

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



Here you see how a box with a 4 pixel #66242C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66242C; -webkit-box-shadow:4px 4px  
4px 4px #66242C; box-shadow:4px 4px 4px  
4px #66242C }
```

Background

The CSS property to change the background color of an element to Hex 66242C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66242C }
```

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

```
.background{ background-color:#66242C }
```

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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