

Converting Colors

Hex(68363B)

Have a look what the booklet for
Hex(68363B) contains.

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Color

Hex(68363B)

Conversions

Conversions Part 1

Format	Color
Hex	68363B
RGB	104, 54, 59
RGB Percent	41%, 21%, 23%
CMY	0.5922, 0.7882, 0.7686
CMYK	0.00, 0.48, 0.43, 0.59
HSL	354°, 32%, 31%
HSV	354°, 48%, 41%
XYZ	7.8175, 5.8972, 4.8639
YIQ	69.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

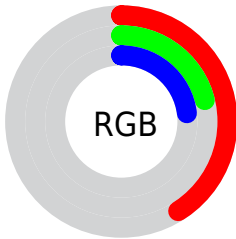
Format	Color
R_{YB}	104, 54, 59
Decimal	6829627
CIE _{Lab}	29.15, 22.83, 6.88
CIE _{LCh}	29, 23.840, 16.782
Yxy	5.8972, 0.4208, 0.3174
Android (android.graphics.Color)	4285019707 (0xFF68363B)
YUV	69.5200, -5.1864, 30.2390
Hunter-Lab	24.2841, 14.9655, 5.1235

Details

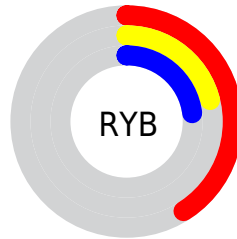
The Hex color **68363B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366863**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9D666A**, and **360911** is the 20% darker color. If you saturate the color by 10%, you get **682C32**, and if you desaturate by 10%, it is **684044**.

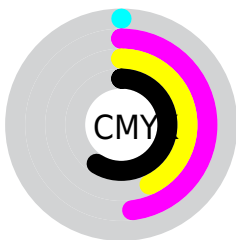
Distribution



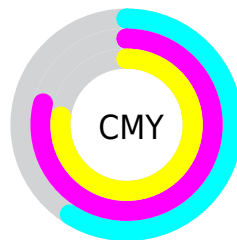
- Red (41%)
- Green (21%)
- Blue (23%)



- Red (41%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68363B 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 68363B by changing the saturation by 10% instead.



68363B



68363B

FFFFFF



4F1F25



9D666A



360911



B97F83



210001



D59A9D



000000



F2B5B8



FFD0D4



FFEDF0



68363B



68363B



682C32



684044

■ 682128

■ 684B4E

■ 68171F

■ 685557

■ 680C16

■ 686060

■ 68020C

■ 686A6A

■ 68000A

■ 687473

■ 687F7D

■ 688986

■ 68948F

Harmonies

Analogous

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



63374E



68363B



633A2B

Triad

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



68363B



314B2B



124968

Complementary

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



68363B



366863

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.



004D5F



68363B



154E3C

Square

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



68363B



464720



004E4F



3A4368

Rectangle

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



68363B



5C3F23



004E4F



004A66

Sweetspot

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



68363B



877476



633668



45393A



C4C4C4



454545

Same Dimension

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



68363B



873941



684A36



332E2E



73000B



F20018

Inverse Universe

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



68363B



873941



365468



332E2E



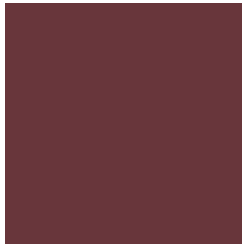
73000B



F20018

Previews

White Background



This preview shows how the Hex color 68363B looks on a white background.

Color Contrast Check

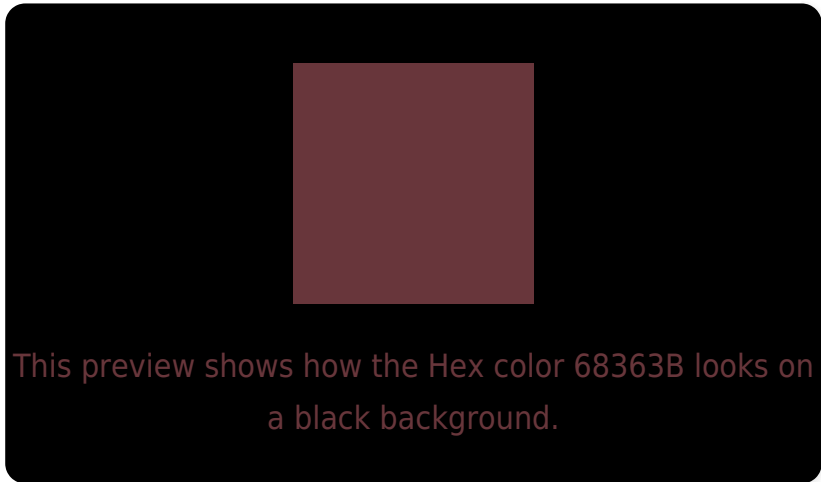
Large Text (above 18pt) WCAG AA ✓ Pass

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

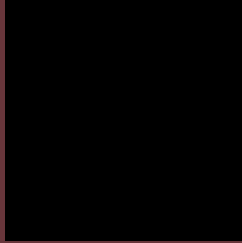
Any Text WCAG AA × Fail

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 68363B Background



This preview shows how black text looks on a background with the Hex color 68363B.

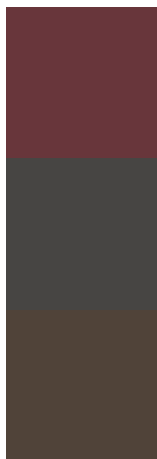


This preview shows how white text looks on a background with the Hex color 68363B.

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
68363B

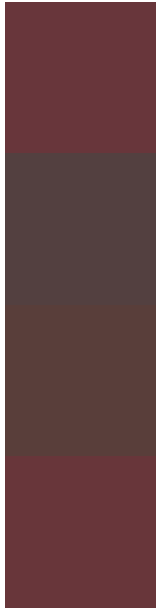
Protanopia
474543

Deuteranopia
504339



Tritanopia
68363A

Trichromacy



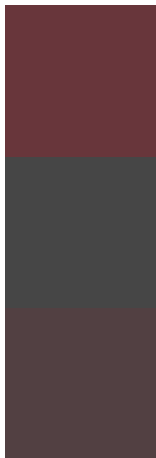
Original Color
68363B

Protanomaly
534040

Deuteranomaly
593E3A

Tritanomaly
68363A

Monochromacy



Original Color
68363B

Achromatopsia
464646

Achromatomaly
524042

CSS Examples

Text

The CSS property to change the color of the text to Hex 68363B 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 #68363B looks like.

```
.text, #text, p{  
    color:#68363B  
}
```

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 #68363B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68363B
}
```

Border

The CSS property to change the border of an element to Hex 68363B 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".

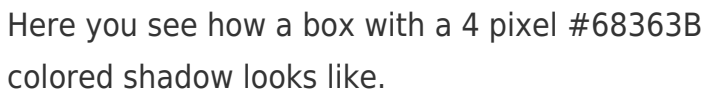
```
.border, #border, table{ border:4px solid
#68363B }
```

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

```
.border{ border-color:#68363B }
```

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

Here you see how a box with a 4 pixel #68363B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68363B; -webkit-box-shadow:4px 4px  
4px 4px #68363B; box-shadow:4px 4px 4px  
4px #68363B }
```

Background

The CSS property to change the background color of an element to Hex 68363B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68363B }
```

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

```
.background{ background-color:#68363B }
```

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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