

# Converting Colors

Hex(6B363E)

Have a look what the booklet for  
Hex(6B363E) contains.

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**Color**

**Hex(6B363E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B363E
RGB	107, 54, 62
RGB Percent	42%, 21%, 24%
CMY	0.5804, 0.7882, 0.7569
CMYK	0.00, 0.50, 0.42, 0.58
HSL	351°, 33%, 32%
HSV	351°, 50%, 42%
XYZ	8.2521, 6.1119, 5.3022
YIQ	70.7590, 29.0200, 13.7240

# Conversions

## Conversions Part 2

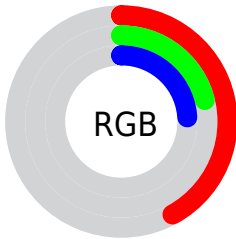
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 54, 62
Decimal	7026238
CIE <sub>Lab</sub>	29.69, 24.45, 5.75
CIE <sub>LCh</sub>	30, 25.113, 13.228
Yxy	6.1119, 0.4196, 0.3108
Android (android.graphics.Color)	4285216318 (0xFF6B363E)
YUV	70.7590, -4.3182, 31.7834
Hunter-Lab	24.7223, 16.3175, 4.5897

# Details

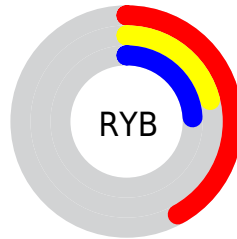
The Hex color **6B363E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366B63**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A0666D**, and **390814** is the 20% darker color. If you saturate the color by 10%, you get **6B2B35**, and if you desaturate by 10%, it is **6B4147**.

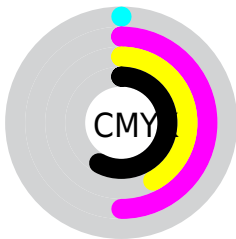
# Distribution



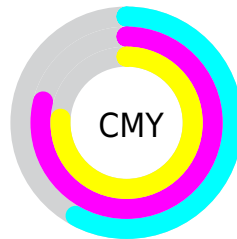
- Red (42%)
- Green (21%)
- Blue (24%)



- Red (42%)
- Yellow (21%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (79%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B363E 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 6B363E by changing the saturation by 10% instead.



 6B363E

 6B363E

FFFFFF

 511F28

 A0666D

 390814

 BC8087

 250001

 D99AA1

 000000

 F6B5BC

 FFD1D8

 FFEDF4

 6B363E

 6B363E

 6B2B35

 6B4147

 6B212C

 6B4B50

 6B1623

 6B5659

 6B0B1A

 6B6162

 6B0011

 6B6C6B

 6B0010

 6B7675

 6B817E

 6B8C87

 6B9690

# Harmonies

## Analogous

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



653752



6B363E



673A2C

# Triad

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



6B363E



344C29



024B6B

# Complementary

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



6B363E



366B63

# 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.



004F60



6B363E



174F3A

# Square

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



6B363E



49481F



00504E



36456C

# Rectangle

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



6B363E



603F23



00504E



004D68



# Sweetspot

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



6B363E



8C777A



62366B



473B3C



C7C7C7



474747



# Same Dimension

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



6B363E



8C3A46



6B4836



363031



750012



F50025



# Inverse Universe

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



6B363E



8C3A46



36596B



363031



750012

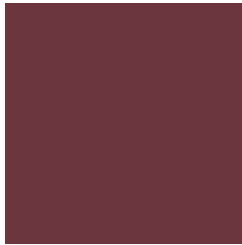


F50025



# Previews

## White Background



This preview shows how the Hex color 6B363E looks on a white background.

## Color Contrast Check

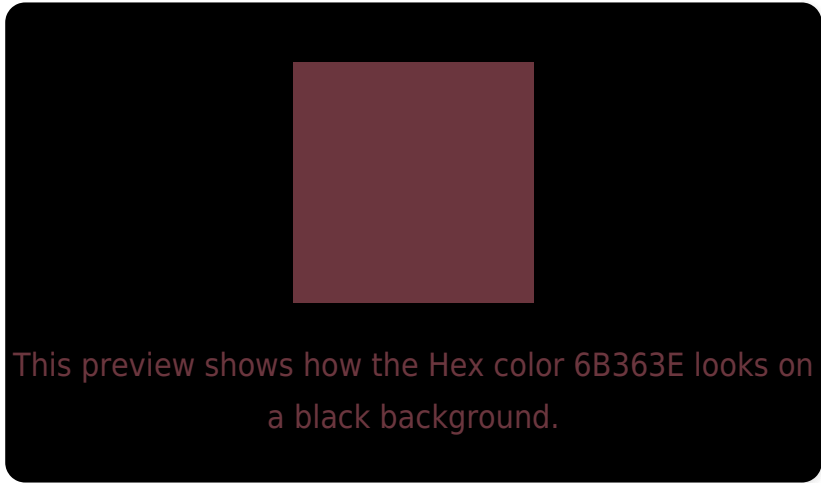
Large Text (above 18pt) WCAG AA ✓ Pass

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

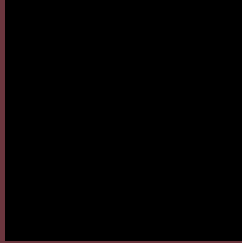
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B363E Background



This preview shows how black text looks on a background with the Hex color 6B363E.



This preview shows how white text looks on a background with the Hex color 6B363E.

# 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**  
6B363E

**Protanopia**  
484647

**Deuteranopia**  
51443C



**Tritanopia**  
6B373A

# Trichromacy



**Original Color**  
6B363E

**Protanomaly**  
554044

**Deuteranomaly**  
5A3F3D

**Tritanomaly**  
6B373B

# Monochromacy



**Original Color**  
6B363E

**Achromatopsia**  
474747

**Achromatomaly**  
544144

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B363E 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 #6B363E looks like.

```
.text, #text, p{  
    color:#6B363E  
}
```

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 #6B363E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B363E
}
```

## Border

The CSS property to change the border of an element to Hex 6B363E is called "border". The border property can be set on classes, ids or directly on the HTML element.

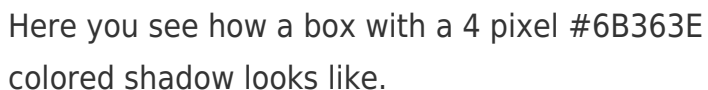
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B363E }
```

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

```
.border{ border-color:#6B363E }
```

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



Here you see how a box with a 4 pixel #6B363E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B363E; -webkit-box-shadow:4px 4px  
4px 4px #6B363E; box-shadow:4px 4px 4px  
4px #6B363E }
```

# Background

The CSS property to change the background color of an element to Hex 6B363E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B363E }
```

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

```
.background{ background-color:#6B363E }
```

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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