

# Converting Colors

Hex(60263D)

Have a look what the booklet for  
Hex(60263D) contains.

<b>Hex(60263D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(60263D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60263D
RGB	96, 38, 61
RGB Percent	38%, 15%, 24%
CMY	0.6235, 0.8510, 0.7608
CMYK	0.00, 0.60, 0.36, 0.62
HSL	336°, 43%, 26%
HSV	336°, 60%, 38%
XYZ	6.3593, 4.2099, 4.8923
YIQ	57.9640, 27.1850, 19.4490

# Conversions

## Conversions Part 2

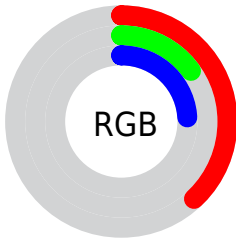
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 38, 61
Decimal	6301245
CIELab	24.35, 29.04, -1.53
CIELCh	24, 29.085, 356.991
Yxy	4.2099, 0.4113, 0.2723
Android (android.graphics.Color)	4284491325 (0xFF60263D)
YUV	57.9640, 1.4967, 33.3576
Hunter-Lab	20.5181, 19.4166, 0.2257

# Details

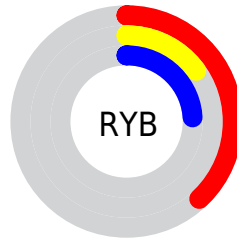
The Hex color **60263D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **266049**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **95566C**, and **2F0013** is the 20% darker color. If you saturate the color by 10%, you get **601C37**, and if you desaturate by 10%, it is **603043**.

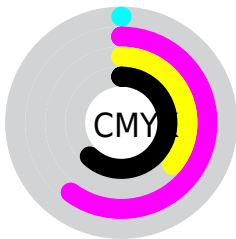
# Distribution



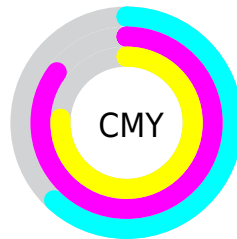
- Red (38%)
- Green (15%)
- Blue (24%)



- Red (38%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60263D 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 60263D by changing the saturation by 10% instead.



 60263D

 60263D

FFFFFF

 470E27

 95566C

 2F0013

 B06F86

 0C0000

 CC89A0

 000000

 E9A3BB

 FFBFD6

 FFDBF3

 FFF8FF

 60263D

 60263D

601C37

603043

601331

603949

60092C

60434E

600026

604C54

60565A

606060

606966

60736B

607C71

# Harmonies

## Analogous

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



522C52



60263D



612827

# Triad

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



60263D



323E10



00425E

# Complementary

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



60263D



266049

# 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.



00444D



60263D



144221

# Square

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



60263D



47380B



004437



003D66

# Rectangle

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



60263D



5C2D1B



004437



004359



# Sweetspot

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



60263D



7D666F



492660



403237



BFBFBF



404040



# Same Dimension

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



60263D



7D2246



602C26



302C2E



70002C



F0005F



# Inverse Universe

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



60263D



7D2246



265A60



302C2E



70002C

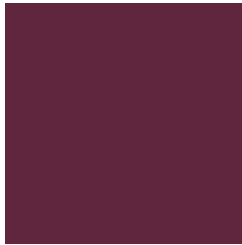


F0005F



# Previews

## White Background



This preview shows how the Hex color 60263D looks on a white background.

## Color Contrast Check

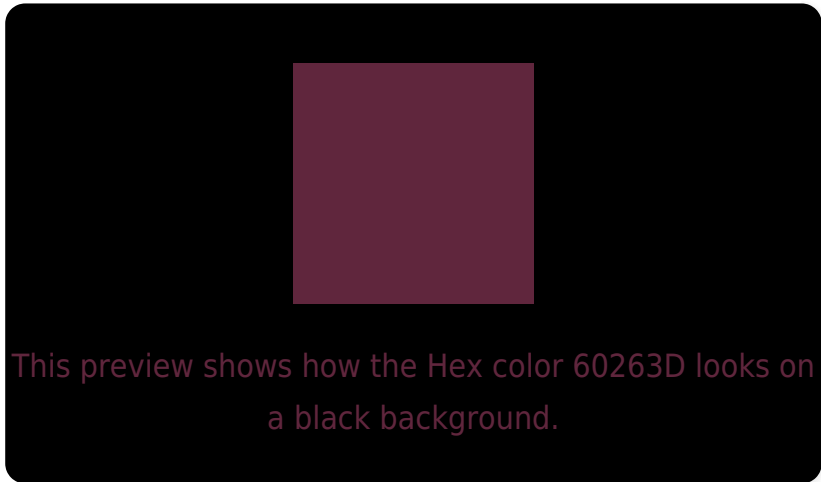
Large Text (above 18pt) WCAG AA ✓ Pass

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

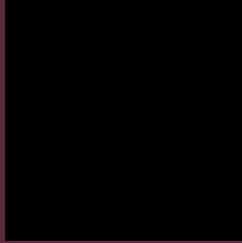
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60263D Background



This preview shows how black text looks on a background with the Hex color 60263D.



This preview shows how white text looks on a background with the Hex color 60263D.

# 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**  
60263D

**Protanopia**  
373A4A

**Deuteranopia**  
41393A



# Trichromacy



**Original Color**  
60263D

**Protanomaly**  
463345

**Deuteranomaly**  
4C323B

**Tritanomaly**  
5F2932

# Monochromacy



**Original Color**  
60263D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
48333B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60263D 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 #60263D looks like.

```
.text, #text, p{  
    color:#60263D  
}
```

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 #60263D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60263D }  
}
```

## Border

The CSS property to change the border of an element to Hex 60263D 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".

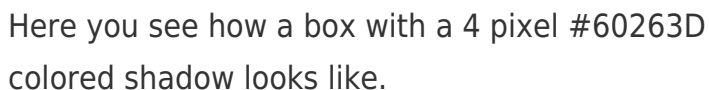
```
.border, #border, table{ border:4px solid #60263D }  
}
```

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

```
.border{ border-color:#60263D }
```

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

Here you see how a box with a 4 pixel #60263D 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60263D; -webkit-box-shadow:4px 4px  
4px 4px #60263D; box-shadow:4px 4px 4px  
4px #60263D }
```

# Background

The CSS property to change the background color of an element to Hex 60263D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60263D }
```

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

```
.background{ background-color:#60263D }
```

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