

# Converting Colors

Hex(62053B)

Have a look what the booklet for  
Hex(62053B) contains.

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**Color**

**Hex(62053B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62053B
RGB	98, 5, 59
RGB Percent	38%, 2%, 23%
CMY	0.6157, 0.9804, 0.7686
CMYK	0.00, 0.95, 0.40, 0.62
HSL	325°, 90%, 20%
HSV	325°, 95%, 38%
XYZ	5.8807, 3.0210, 4.4108
YIQ	38.9630, 38.0940, 36.5100

# Conversions

## Conversions Part 2

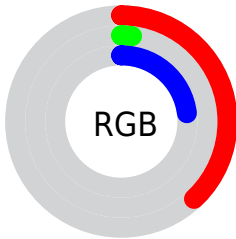
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 5, 59
Decimal	6423867
CIE Lab	20.13, 42.03, -6.40
CIE LCh	20, 42.519, 351.344
Yxy	3.0210, 0.4417, 0.2269
Android (android.graphics.Color)	4284613947 (0xFF62053B)
YUV	38.9630, 9.8782, 51.7754
Hunter-Lab	17.3810, 29.9772, -2.8796

# Details

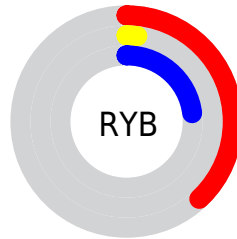
The Hex color **62053B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **05622C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **983F6A**, and **320011** is the 20% darker color. If you saturate the color by 10%, you get **620039**, and if you desaturate by 10%, it is **620F3F**.

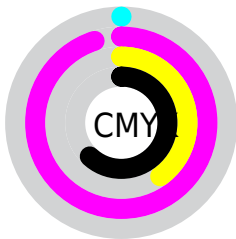
# Distribution



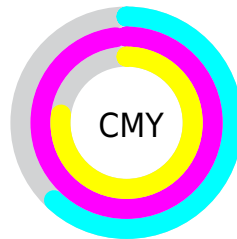
- Red (38%)
- Green (2%)
- Blue (23%)



- Red (38%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (95%)
- Yellow (40%)
- Black (62%)



- Cyan (62%)
- Magenta (98%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62053B 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 62053B by changing the saturation by 10% instead.





62053B



62053B

FFFEFF



480025



983F6A



320011



B45983



000000



D1739D



EE8EB8



FFA9D4



FFC5F0



FFE1FF



62053B



62053B

■ 620039

■ 620F3F

■ 621943

■ 622247

■ 622C4B

■ 623650

■ 624054

■ 624A58

■ 62535C

■ 625D60

# Harmonies

## Analogous

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



4C1B58



62053B



65081C

# Triad

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



62053B



283600



003C61

# Complementary

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



62053B



05622C

# 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.



003E47



62053B



003B02

# Square

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



62053B



442C00



003D26



00376F

# Rectangle

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



62053B



5F1605



003D26



003D59



# Sweetspot

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



62053B



805C71



2C0562



402A37



BFBFBF



404040



# Same Dimension

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



62053B



80004A



62050D



302C2E



700041



F0008B



# Inverse Universe

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



62053B



80004A



05625A



302C2E



700041

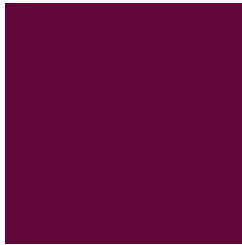


F0008B



# Previews

## White Background



This preview shows how the Hex color 62053B looks on a white background.

## Color Contrast Check

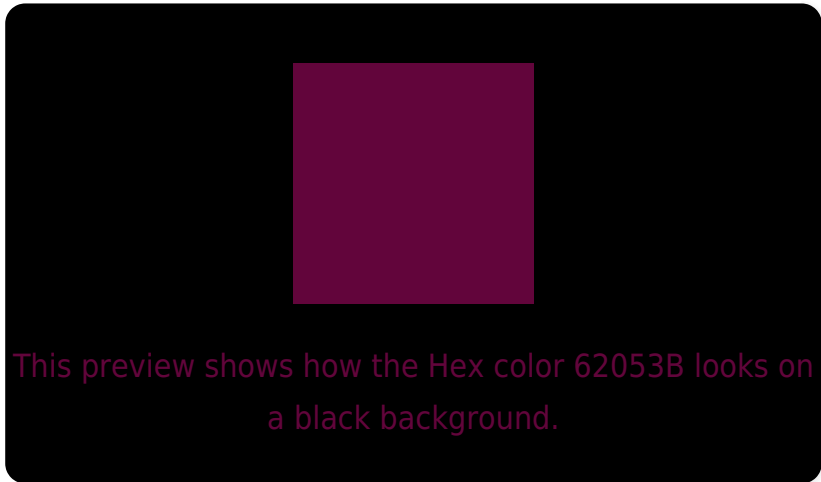
Large Text (above 18pt) WCAG AA ✓ Pass

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

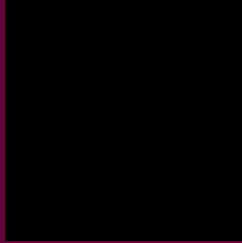
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62053B Background



This preview shows how black text looks on a background with the Hex color 62053B.



This preview shows how white text looks on a background with the Hex color 62053B.

# 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**  
62053B

**Protanopia**  
273354

**Deuteranopia**  
383237



**Tritanopia**  
601818

# Trichromacy



**Original Color**  
62053B

**Protanomaly**  
3C224B

**Deuteranomaly**  
472238

**Tritanomaly**  
611125

# Monochromacy



**Original Color**  
62053B

**Achromatopsia**  
272727

**Achromatomaly**  
3C1B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62053B 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 #62053B looks like.

```
.text, #text, p{  
    color:#62053B  
}
```

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 #62053B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62053B
}
```

## Border

The CSS property to change the border of an element to Hex 62053B is called "border". The border property can be set on classes, ids or directly on the HTML element.

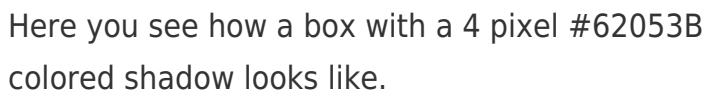
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62053B }
```

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

```
.border{ border-color:#62053B }
```

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



Here you see how a box with a 4 pixel #62053B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62053B; -webkit-box-shadow:4px 4px  
4px 4px #62053B; box-shadow:4px 4px 4px  
4px #62053B }
```

# Background

The CSS property to change the background color of an element to Hex 62053B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62053B }
```

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

```
.background{ background-color:#62053B }
```

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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