

Converting Colors

Hex(60415B)

Have a look what the booklet for
Hex(60415B) contains.

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Color

Hex(60415B)

Conversions

Conversions Part 1

Format	Color
Hex	60415B
RGB	96, 65, 91
RGB Percent	38%, 25%, 36%
CMY	0.6235, 0.7451, 0.6431
CMYK	0.00, 0.32, 0.05, 0.62
HSL	310°, 19%, 32%
HSV	310°, 32%, 38%
XYZ	8.6025, 7.0227, 10.7996
YIQ	77.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

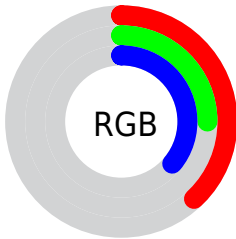
Format	Color
RYB	96, 65, 91
Decimal	6308187
CIELab	31.86, 18.20, -10.06
CIElCh	32, 20.801, 331.063
Yxy	7.0227, 0.3255, 0.2658
Android (android.graphics.Color)	4284498267 (0xFF60415B)
YUV	77.2330, 6.7871, 16.4587
Hunter-Lab	26.5004, 11.5685, -5.6120

Details

The Hex color **60415B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **416046**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **93718D**, and **31152D** is the 20% darker color. If you saturate the color by 10%, you get **603759**, and if you desaturate by 10%, it is **604B5D**.

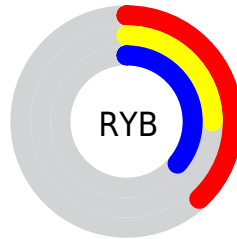
Distribution



Red (38%)

Green (25%)

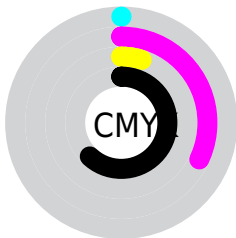
Blue (36%)



Red (38%)

Yellow (25%)

Blue (36%)

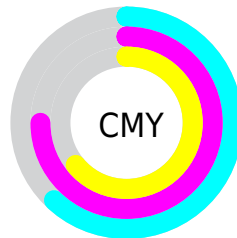


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (62%)



Cyan (62%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60415B 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 60415B by changing the saturation by 10% instead.

60415B

60415B

FFFFFF

482B43

93718D

31152D

AE8BA8

1E0019

C9A5C3

000000

E6C1DF

FFDDFB

FFF9FF

60415B

60415B

603759

604B5D

602E58

60545E

602456

605E60

601B55

606761

601153

607163

600752

607B64

600051

608466

608E67

609769

Harmonies

Analogous

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



4E4767



60415B



6A3E4B

Triad

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



60415B



554A2A



07535B

Complementary

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



60415B



416046

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.



1A544B



60415B



444F2E

Square

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



60415B



63442F



31523B



185167

Rectangle

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



60415B



6B3F40



31523B



0B5456

Sweetspot

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



60415B



7D707B



464160



40383F



BFBFBF



404040

Same Dimension

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



60415B



7D4C75



60414C



302C30



70005E



F000C9

Inverse Universe

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



60415B



7D4C75



416055



302C30



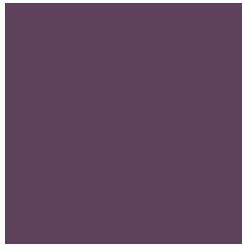
70005E



F000C9

Previews

White Background



This preview shows how the Hex color 60415B looks on a white background.

Color Contrast Check

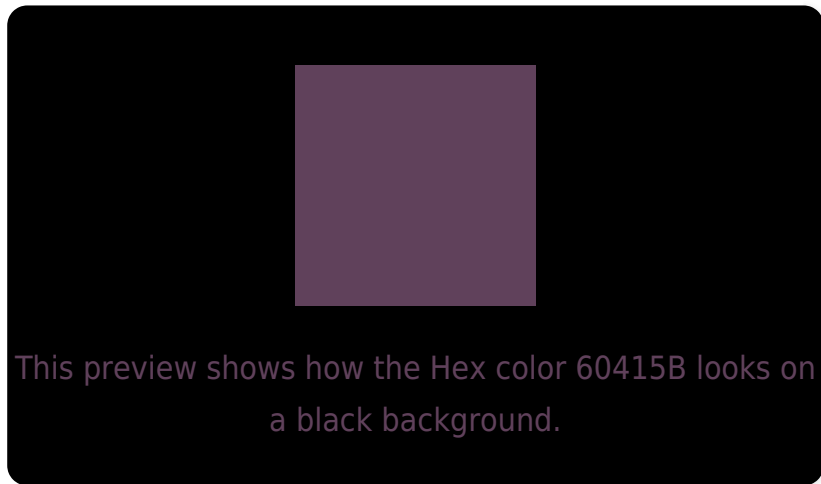
Large Text (above 18pt) WCAG AA ✓ Pass

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

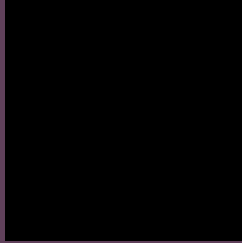
Any Text WCAG AA × Fail

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 60415B Background



This preview shows how black text looks on a background with the Hex color 60415B.



This preview shows how white text looks on a background with the Hex color 60415B.

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
60415B

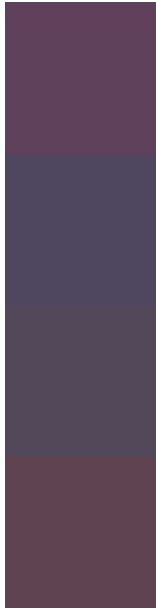
Protanopia
454A62

Deuteranopia
4C4A59



Tritanopia
5E444A

Trichromacy



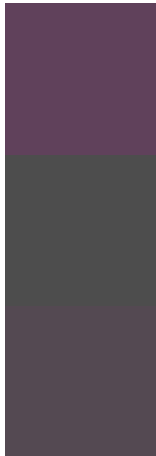
Original Color
60415B

Protanomaly
4F475F

Deuteranomaly
53475A

Tritanomaly
5F4350

Monochromacy



Original Color
60415B

Achromatopsia
4D4D4D

Achromatomaly
544952

CSS Examples

Text

The CSS property to change the color of the text to Hex 60415B 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 #60415B looks like.

```
.text, #text, p{  
    color:#60415B  
}
```

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 #60415B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60415B
}
```

Border

The CSS property to change the border of an element to Hex 60415B is called "border". The border property can be set on classes, ids or directly on the HTML element.

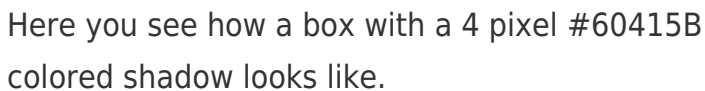
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60415B }
```

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

```
.border{ border-color:#60415B }
```

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



Here you see how a box with a 4 pixel #60415B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60415B; -webkit-box-shadow:4px 4px  
4px 4px #60415B; box-shadow:4px 4px 4px  
4px #60415B }
```

Background

The CSS property to change the background color of an element to Hex 60415B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60415B }
```

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

```
.background{ background-color:#60415B }
```

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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