

Converting Colors

Hex(38165A)

Have a look what the booklet for
Hex(38165A) contains.

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Color

Hex(38165A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 38165A |
| RGB | 56, 22, 90 |
| RGB Percent | 22%, 9%, 35% |
| CMY | 0.7804, 0.9137, 0.6471 |
| CMYK | 0.38, 0.76, 0.00, 0.65 |
| HSL | 270°, 61%, 22% |
| HSV | 270°, 76%, 35% |
| XYZ | 3.7633, 2.1528, 9.8900 |
| YIQ | 39.9180, -1.5640, 28.3560 |

Conversions

Conversions Part 2

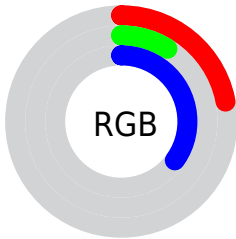
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 56, 22, 90 |
| Decimal | 3675738 |
| CIE _{Lab} | 16.27, 31.32, -34.27 |
| CIE _{LCh} | 16, 46.427, 312.432 |
| Yxy | 2.1528, 0.2381, 0.1362 |
| Android (android.graphics.Color) | 4281865818 (0xFF38165A) |
| YUV | 39.9180, 24.6904, 14.1039 |
| Hunter-Lab | 14.6723, 20.1066, -29.6946 |

Details

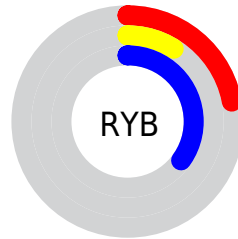
The Hex color **38165A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **385A16**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6A448D**, and **02002C** is the 20% darker color. If you saturate the color by 10%, you get **340D5A**, and if you desaturate by 10%, it is **3D1F5A**.

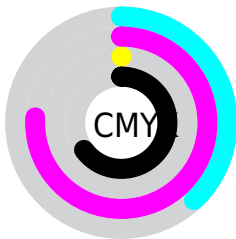
Distribution



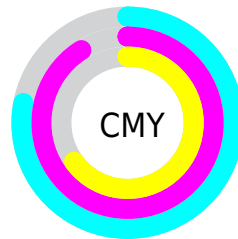
- Red (22%)
- Green (9%)
- Blue (35%)



- Red (22%)
- Yellow (9%)
- Blue (35%)



- Cyan (38%)
- Magenta (76%)
- Yellow (0%)
- Black (65%)



- Cyan (78%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38165A 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 38165A by changing the saturation by 10% instead.

■ 38165A

■ 38165A

FFFFFF

■ 200042

■ 6A448D

■ 02002C

■ 855CA7

■ 000116

■ 9F75C3

■ 000000

■ BB8FDF

■ D7AAFC

■ F4C6FF

■ FFE2FF

■ 38165A

■ 38165A

■ 340D5A

■ 3D1F5A

■ 2F045A

■ 41285A

■ 2D005A

■ 46315A

■ 4A3A5A

■ 4E435A

■ 534C5A

■ 58555A

■ 5C5E5A

■ 61675A

Harmonies

Analogous

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



00296A



38165A



57003D

Triad

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



38165A



431F00



003536

Complementary

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



38165A



385A16

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.



003413



38165A



272B00

Square

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



38165A



570700



003100



003555

Rectangle

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



38165A



5F0027



003100



00352A

Sweetspot

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



38165A



685A75



16385A



322A3B



BABABA



3B3B3B

Same Dimension

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



38165A



400B75



5A165A



2C292E



37006E



7700ED

Inverse Universe

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



5A1638



750B40



165A16



2E292C



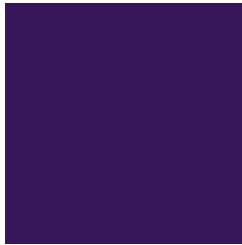
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 38165A looks on a white background.

Color Contrast Check

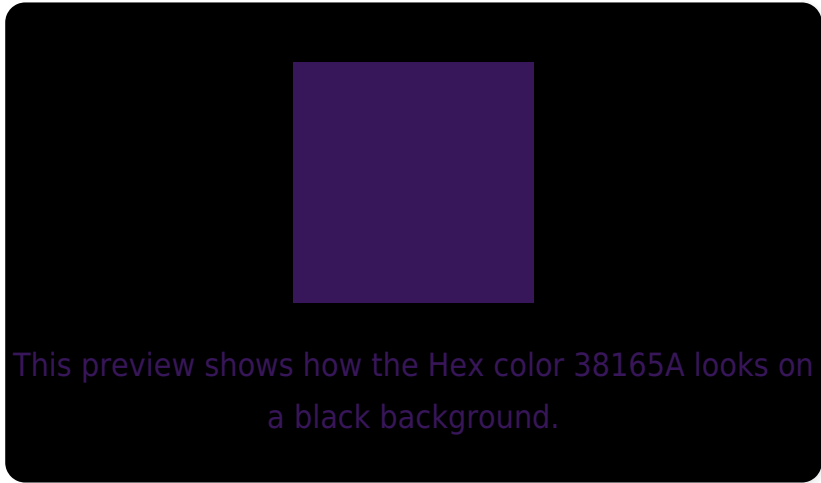
Large Text (above 18pt) WCAG AA ✓ Pass

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

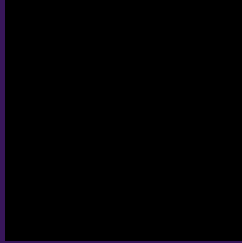
Any Text WCAG AA × Fail

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 38165A Background



This preview shows how black text looks on a background with the Hex color 38165A.



This preview shows how white text looks on a background with the Hex color 38165A.

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
38165A

Protanopia
002855

Deuteranopia
002B49



Tritanopia
2E282B

Trichromacy



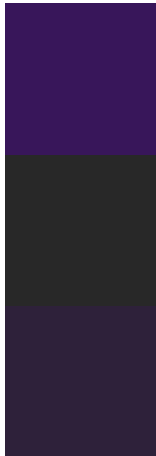
Original Color
38165A

Protanomaly
142157

Deuteranomaly
14234F

Tritanomaly
32213C

Monochromacy



Original Color
38165A

Achromatopsia
282828

Achromatomaly
2E213A

CSS Examples

Text

The CSS property to change the color of the text to Hex 38165A 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 #38165A looks like.

```
.text, #text, p{  
    color:#38165A  
}
```

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 #38165A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38165A
}
```

Border

The CSS property to change the border of an element to Hex 38165A 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
#38165A }
```

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

```
.border{ border-color:#38165A }
```

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

Here you see how a box with a 4 pixel #38165A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38165A; -webkit-box-shadow:4px 4px  
4px 4px #38165A; box-shadow:4px 4px 4px  
4px #38165A }
```

Background

The CSS property to change the background color of an element to Hex 38165A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38165A }
```

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

```
.background{ background-color:#38165A }
```

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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