

Converting Colors

Hex(60435A)

Have a look what the booklet for
Hex(60435A) contains.

Hex(60435A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60435A)

Conversions

Conversions Part 1

Format	Color
Hex	60435A
RGB	96, 67, 90
RGB Percent	38%, 26%, 35%
CMY	0.6235, 0.7373, 0.6471
CMYK	0.00, 0.30, 0.06, 0.62
HSL	312°, 18%, 32%
HSV	312°, 30%, 38%
XYZ	8.6765, 7.2393, 10.6129
YIQ	78.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

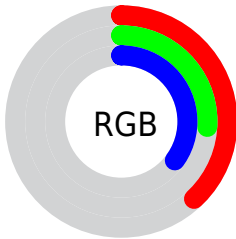
Format	Color
RYB	96, 67, 90
Decimal	6308698
CIELab	32.35, 16.75, -8.69
CIELCh	32, 18.866, 332.580
Yxy	7.2393, 0.3271, 0.2729
Android (android.graphics.Color)	4284498778 (0xFF60435A)
YUV	78.2930, 5.7716, 15.5290
Hunter-Lab	26.9059, 10.4764, -4.5524

Details

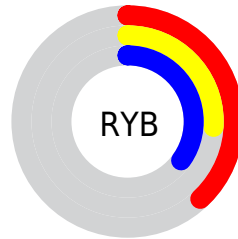
The Hex color **60435A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **436049**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **93738C**, and **31172C** is the 20% darker color. If you saturate the color by 10%, you get **603958**, and if you desaturate by 10%, it is **604D5C**.

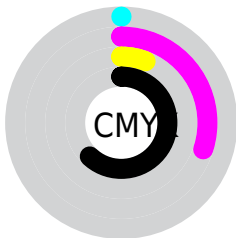
Distribution



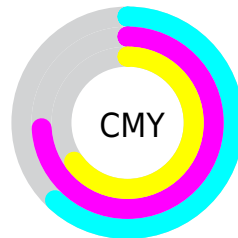
- Red (38%)
- Green (26%)
- Blue (35%)



- Red (38%)
- Yellow (26%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (62%)



- Cyan (62%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60435A 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 60435A by changing the saturation by 10% instead.



60435A



60435A

FFFFFF



482C43



93738C



31172C



AE8DA6



1E0018



C9A8C2



000000



E5C3DD



FFDFFA



FFFBFF



60435A



60435A



603958



604D5C

603056

60565E

602654

606060

601D52

606962

601350

607364

60094E

607D66

60004C

608668

60906A

60996C

Harmonies

Analogous

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



504865



60435A



68414B

Triad

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



60435A



554C2E



18545C

Complementary

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



60435A



436049

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.



22544D



60435A



455033

Square

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



60435A



614632



34533E



235166

Rectangle

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



60435A



694141



34533E



195457

Sweetspot

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



60435A



7D727B



494360



40393E



BFBFBF



404040

Same Dimension

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



60435A



7D5074



60434C



302C2F



700059



F000BE

Inverse Universe

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



60435A



7D5074



436057



302C2F



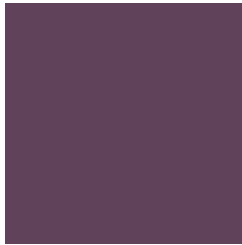
700059



F000BE

Previews

White Background



This preview shows how the Hex color 60435A looks on a white background.

Color Contrast Check

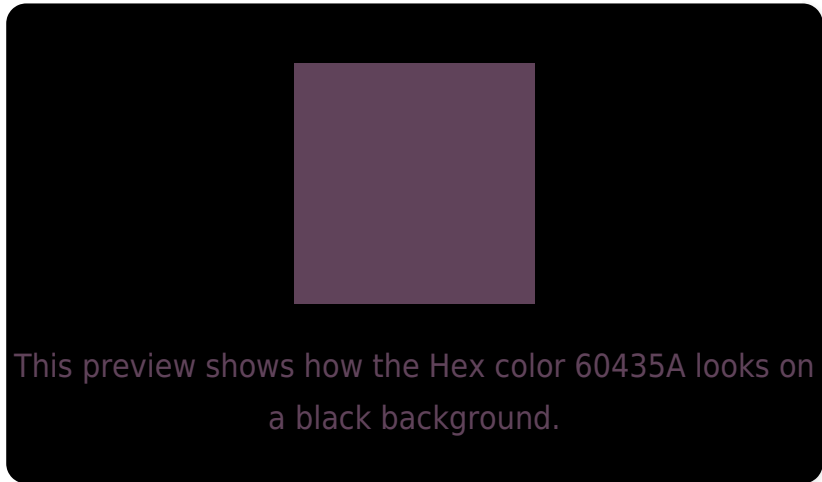
Large Text (above 18pt) WCAG AA ✓ Pass

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

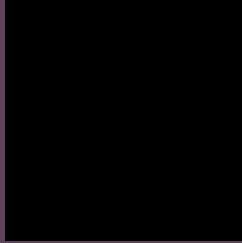
Any Text WCAG AA × Fail

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 60435A Background



This preview shows how black text looks on a background with the Hex color 60435A.

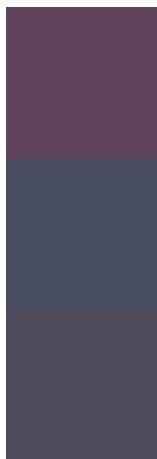


This preview shows how white text looks on a background with the Hex color 60435A.

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
60435A

Protanopia
474C60

Deuteranopia
4E4A59



Tritanopia
5E464B

Trichromacy



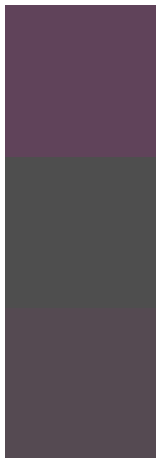
Original Color
60435A

Protanomaly
50495E

Deuteranomaly
554759

Tritanomaly
5F4550

Monochromacy



Original Color
60435A

Achromatopsia
4E4E4E

Achromatomaly
554A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 60435A 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 #60435A looks like.

```
.text, #text, p{  
    color:#60435A  
}
```

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 #60435A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60435A
}
```

Border

The CSS property to change the border of an element to Hex 60435A is called "border". The border property can be set on classes, ids or directly on the HTML element.

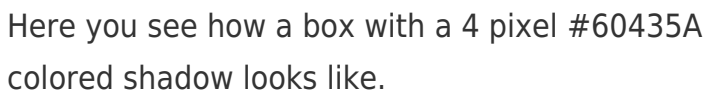
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60435A }
```

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

```
.border{ border-color:#60435A }
```

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



Here you see how a box with a 4 pixel #60435A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60435A; -webkit-box-shadow:4px 4px  
4px 4px #60435A; box-shadow:4px 4px 4px  
4px #60435A }
```

Background

The CSS property to change the background color of an element to Hex 60435A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60435A }
```

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

```
.background{ background-color:#60435A }
```

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