

Converting Colors

Hex(640A08)

Have a look what the booklet for
Hex(640A08) contains.

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Color

Hex(640A08)

Conversions

Conversions Part 1

Format	Color
Hex	640A08
RGB	100, 10, 8
RGB Percent	39%, 4%, 3%
CMY	0.6078, 0.9608, 0.9686
CMYK	0.00, 0.90, 0.92, 0.61
HSL	1°, 85%, 21%
HSV	1°, 92%, 39%
XYZ	5.4079, 2.9439, 0.5129
YIQ	36.6820, 54.2820, 18.4580

Conversions

Conversions Part 2

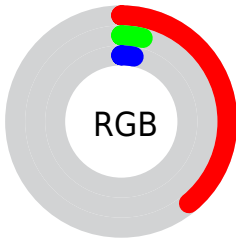
Format	Color
R_{YB}	100, 10, 8
Decimal	6556168
CIE Lab	19.82, 37.92, 26.83
CIE LCh	20, 46.454, 35.282
Yxy	2.9439, 0.6100, 0.3321
Android (android.graphics.Color)	4284746248 (0xFF640A08)
YUV	36.6820, -14.1402, 55.5299
Hunter-Lab	17.1579, 26.2340, 10.2381

Details

The Hex color **640A08** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **086264**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **9D4034**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **640200**, and if you desaturate by 10%, it is **641412**.

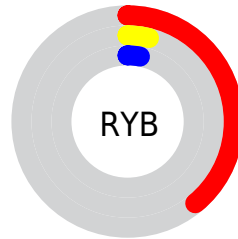
Distribution



Red (39%)

Green (4%)

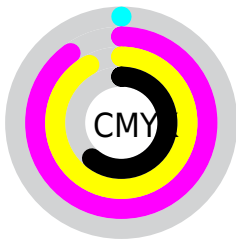
Blue (3%)



Red (39%)

Yellow (4%)

Blue (3%)

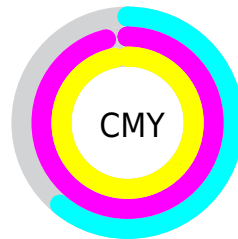


Cyan (0%)

Magenta (90%)

Yellow (92%)

Black (61%)



Cyan (61%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640A08 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 640A08 by changing the saturation by 10% instead.

 640A08

 640A08

 FFFEE8

 480000

 9D4034

 300002

 BB5A4B

 000000

 D87363

 F78E7C

 FFA996

 FFC5B1

 FFE1CC

 640A08

 640A08

■ 640200

■ 641412

■ 641E1C

■ 642726

■ 643130

■ 643B3A

■ 644544

■ 644E4E

■ 645858

■ 646262

Harmonies

Analogous

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



69002C



640A08



522300

Triad

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



640A08



003C11



003375

Complementary

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



640A08



086264

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.



003B6E



640A08



003E35

Square

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



640A08



123800



003E57



342368

Rectangle

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



640A08



412D00



003E57



003675

Sweetspot

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



640A08



825E5E



640862



422C2C



C2C2C2



424242

Same Dimension

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



640A08



820300



643808



332E2E



730200



F20500

Inverse Universe

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



086264



007F82



083464



2E3333



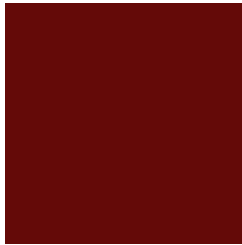
007073



00EDF2

Previews

White Background



This preview shows how the Hex color 640A08 looks on a white background.

Color Contrast Check

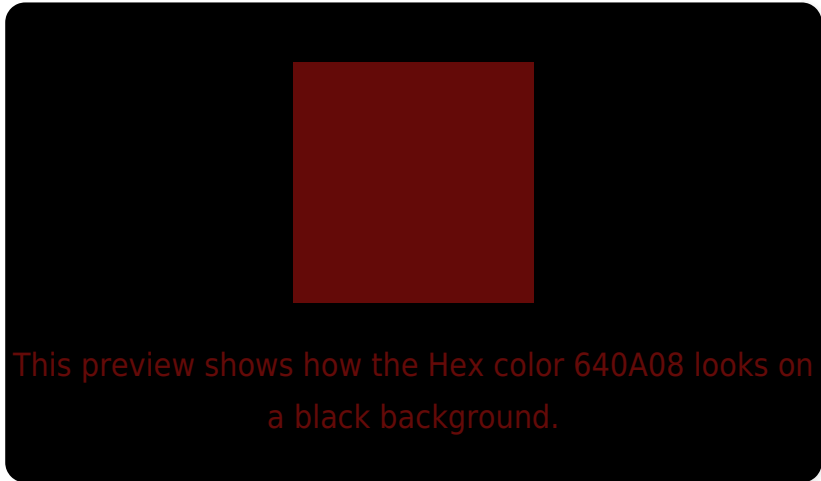
Large Text (above 18pt) WCAG AA ✓ Pass

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

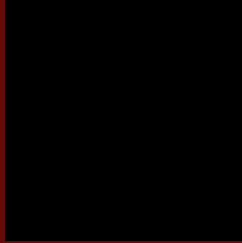
Any Text WCAG AA × Fail

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 640A08 Background



This preview shows how black text looks on a background with the Hex color 640A08.



This preview shows how white text looks on a background with the Hex color 640A08.

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
640A08

Protanopia
393311

Deuteranopia
403000



Tritanopia
640A06

Trichromacy



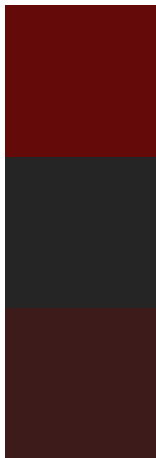
Original Color
640A08

Protanomaly
49240E

Deuteranomaly
4D2203

Tritanomaly
640A07

Monochromacy



Original Color
640A08

Achromatopsia
252525

Achromatomaly
3C1B1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 640A08 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 #640A08 looks like.

```
.text, #text, p{  
    color:#640A08  
}
```

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 #640A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640A08
}
```

Border

The CSS property to change the border of an element to Hex 640A08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

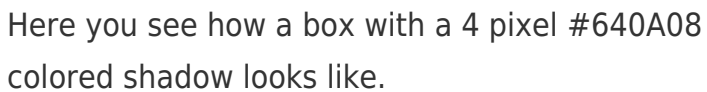
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640A08 }
```

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

```
.border{ border-color:#640A08 }
```

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



Here you see how a box with a 4 pixel #640A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640A08; -webkit-box-shadow:4px 4px  
4px 4px #640A08; box-shadow:4px 4px 4px  
4px #640A08 }
```

Background

The CSS property to change the background color of an element to Hex 640A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640A08 }
```

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

```
.background{ background-color:#640A08 }
```

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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