

Converting Colors

Hex(640409)

Have a look what the booklet for
Hex(640409) contains.

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Color

Hex(640409)

Conversions

Conversions Part 1

Format	Color
Hex	640409
RGB	100, 4, 9
RGB Percent	39%, 2%, 4%
CMY	0.6078, 0.9843, 0.9647
CMYK	0.00, 0.96, 0.91, 0.61
HSL	357°, 92%, 20%
HSV	357°, 96%, 39%
XYZ	5.3483, 2.8159, 0.5201
YIQ	33.2740, 55.6110, 21.9070

Conversions

Conversions Part 2

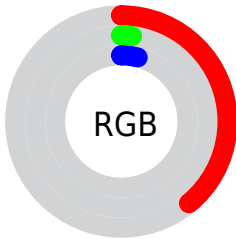
Format	Color
R_YB	100, 4, 9
Decimal	6554633
CIE Lab	19.29, 39.48, 25.82
CIE LCh	19, 47.177, 33.184
Yxy	2.8159, 0.6159, 0.3243
Android (android.graphics.Color)	4284744713 (0xFF640409)
YUV	33.2740, -11.9671, 58.5187
Hunter-Lab	16.7806, 27.5249, 9.9088

Details

The Hex color **640409** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **04645F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **9D3D35**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **640005**, and if you desaturate by 10%, it is **640E12**.

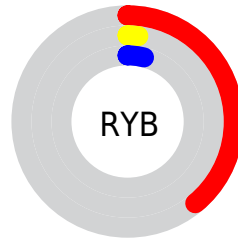
Distribution



Red (39%)

Green (2%)

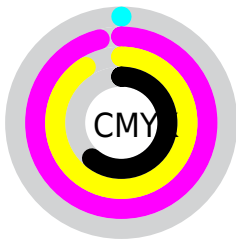
Blue (4%)



Red (39%)

Yellow (2%)

Blue (4%)

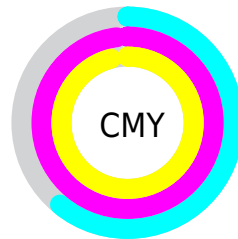


Cyan (0%)

Magenta (96%)

Yellow (91%)

Black (61%)



Cyan (61%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640409 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 640409 by changing the saturation by 10% instead.

 640409

 640409

 FFFBE9

 480000

 9D3D35

 2F0002

 BB574C

 000000

 D97164

 F78B7D

 FFA697

 FFC2B1

 FFDECD

 640409

 640409

■ 640005

■ 640E12

■ 64181C

■ 642225

■ 642C2F

■ 643638

■ 644042

■ 644A4B

■ 645455

■ 645E5E

Harmonies

Analogous

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



68002D



640409



522000

Triad

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



640409



003B0C



003375

Complementary

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



640409



04645F

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.



003A6D



640409



003C32

Square

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



640409



133700



003D54



2E2369

Rectangle

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



640409



412B00



003D54



003674

Sweetspot

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



640409



825C5E



5E0464



422B2C



C2C2C2



424242

Same Dimension

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



640409



820007



642E04



332E2E



730006



F2000D

Inverse Universe

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



640409



820007



043A64



332E2E



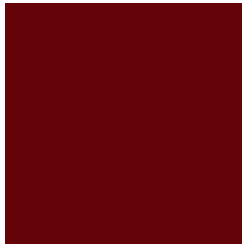
730006



F2000D

Previews

White Background



This preview shows how the Hex color 640409 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

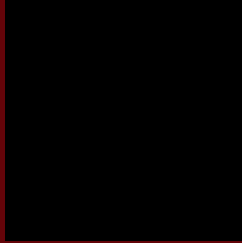
Any Text WCAG AA × Fail

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 640409 Background



This preview shows how black text looks on a background with the Hex color 640409.



This preview shows how white text looks on a background with the Hex color 640409.

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
640409

Protanopia
393312

Deuteranopia
403000



Tritanopia
630900

Trichromacy



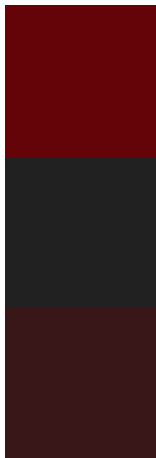
Original Color
640409

Protanomaly
49220F

Deuteranomaly
4D2003

Tritanomaly
630703

Monochromacy



Original Color
640409

Achromatopsia
212121

Achromatomaly
391618

CSS Examples

Text

The CSS property to change the color of the text to Hex 640409 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 #640409 looks like.

```
.text, #text, p{  
    color:#640409  
}
```

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 #640409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640409
}
```

Border

The CSS property to change the border of an element to Hex 640409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

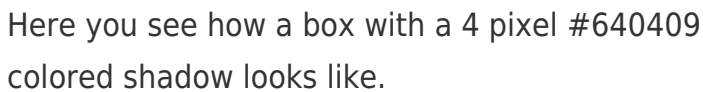
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640409 }
```

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

```
.border{ border-color:#640409 }
```

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



Here you see how a box with a 4 pixel #640409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640409; -webkit-box-shadow:4px 4px  
4px 4px #640409; box-shadow:4px 4px 4px  
4px #640409 }
```

Background

The CSS property to change the background color of an element to Hex 640409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640409 }
```

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

```
.background{ background-color:#640409 }
```

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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