

Converting Colors

Hex(640015)

Have a look what the booklet for
Hex(640015) contains.

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Color

Hex(640015)

Conversions

Conversions Part 1

Format	Color
Hex	640015
RGB	100, 0, 21
RGB Percent	39%, 0%, 8%
CMY	0.6078, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.79, 0.61
HSL	347°, 100%, 20%
HSV	347°, 100%, 39%
XYZ	5.3909, 2.7635, 0.9587
YIQ	32.2940, 52.8590, 27.7310

Conversions

Conversions Part 2

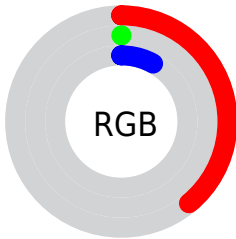
Format	Color
R_{YB}	100, 0, 21
Decimal	6553621
CIE Lab	19.07, 40.94, 19.17
CIE LCh	19, 45.206, 25.087
Yxy	2.7635, 0.5916, 0.3032
Android (android.graphics.Color)	4284743701 (0xFF640015)
YUV	32.2940, -5.5679, 59.3782
Hunter-Lab	16.6237, 28.7943, 8.2171

Details

The Hex color **640015** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00644F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9D3B3F**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **640015**, and if you desaturate by 10%, it is **640A1D**.

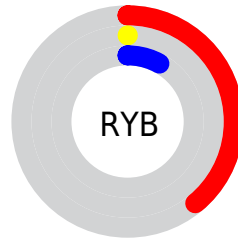
Distribution



Red (39%)

Green (0%)

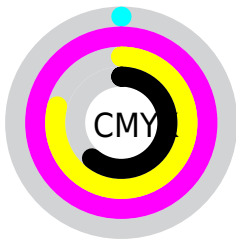
Blue (8%)



Red (39%)

Yellow (0%)

Blue (8%)

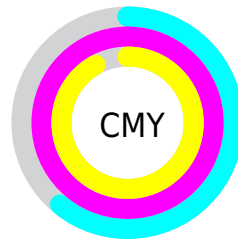


Cyan (0%)

Magenta (100%)

Yellow (79%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640015 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 640015 by changing the saturation by 10% instead.

 640015

 640015

 FFFAF6

 490000

 9D3B3F

 300002

 BA5556

 000000

 D86F6F

 F68A88

 FFA5A2

 FFC1BD

 FFDDD9

 640015

 640A1D

 641425

 641E2D

 642835

 64323D

 643C44

 64464C

 645054

 645A5C

Harmonies

Analogous

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



630035



640015



571B00

Triad

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



640015



003901



003471

Complementary

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



640015



00644F

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.



003A64



640015



003B28

Square

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



640015



203400



003C4A



17286B

Rectangle

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



640015



472700



003C4A



00376F

Sweetspot

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



640015



825B63



4E0064



422A2F



C2C2C2



424242

Same Dimension

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



640015



82001B



641C00



332E2F



730018



F20033

Inverse Universe

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



640015



82001B



004864



332E2F



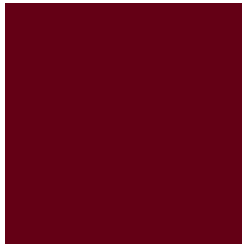
730018



F20033

Previews

White Background



This preview shows how the Hex color 640015 looks on a white background.

Color Contrast Check

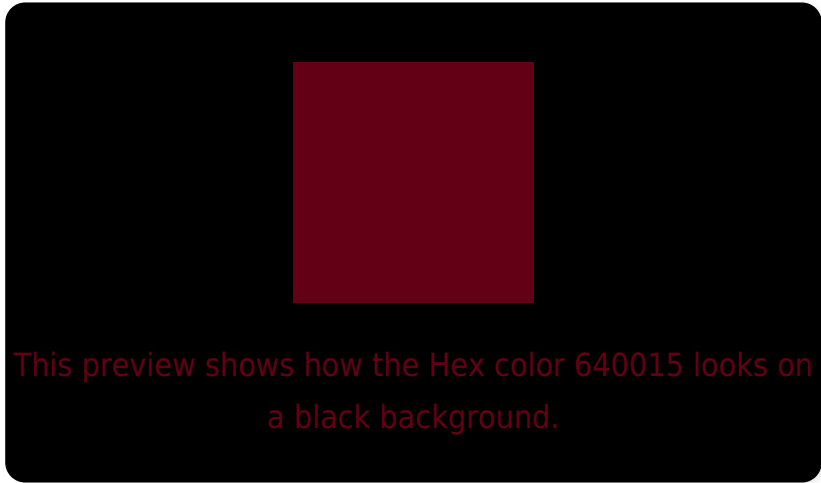
Large Text (above 18pt) WCAG AA ✓ Pass

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

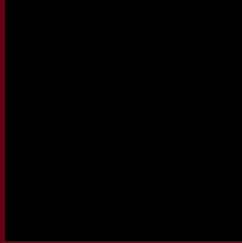
Any Text WCAG AA × Fail

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 640015 Background



This preview shows how black text looks on a background with the Hex color 640015.

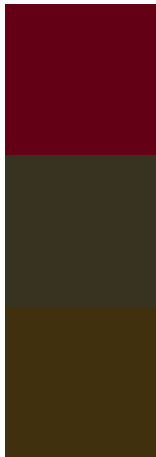


This preview shows how white text looks on a background with the Hex color 640015.

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
640015

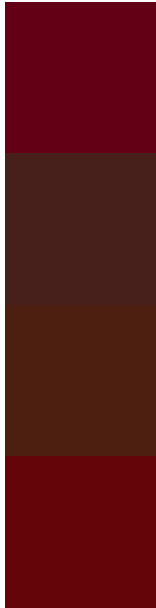
Protanopia
373320

Deuteranopia
40300E



Tritanopia
640902

Trichromacy



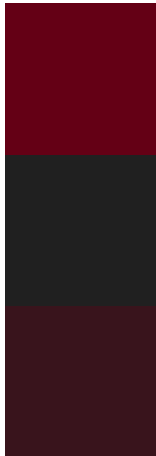
Original Color
640015

Protanomaly
47201C

Deuteranomaly
4D1F11

Tritanomaly
640609

Monochromacy



Original Color
640015

Achromatopsia
202020

Achromatomaly
39141C

CSS Examples

Text

The CSS property to change the color of the text to Hex 640015 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 #640015 looks like.

```
.text, #text, p{  
    color:#640015  
}
```

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 #640015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640015
}
```

Border

The CSS property to change the border of an element to Hex 640015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

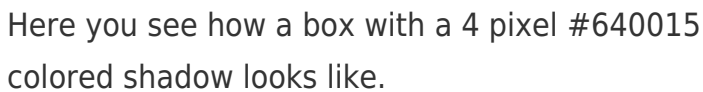
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640015 }
```

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

```
.border{ border-color:#640015 }
```

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



Here you see how a box with a 4 pixel #640015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640015; -webkit-box-shadow:4px 4px  
4px 4px #640015; box-shadow:4px 4px 4px  
4px #640015 }
```

Background

The CSS property to change the background color of an element to Hex 640015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640015 }
```

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

```
.background{ background-color:#640015 }
```

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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