

Converting Colors

Hex(640232)

Have a look what the booklet for
Hex(640232) contains.

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Color

Hex(640232)

Conversions

Conversions Part 1

Format	Color
Hex	640232
RGB	100, 2, 50
RGB Percent	39%, 1%, 20%
CMY	0.6078, 0.9922, 0.8039
CMYK	0.00, 0.98, 0.50, 0.61
HSL	331°, 96%, 20%
HSV	331°, 98%, 39%
XYZ	5.8530, 2.9830, 3.2849
YIQ	36.7740, 43.0000, 35.7040

Conversions

Conversions Part 2

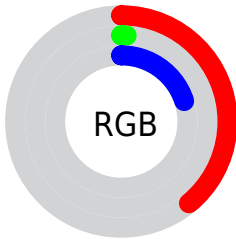
Format	Color
R_{YB}	100, 2, 50
Decimal	6554162
CIE Lab	19.98, 42.38, -0.23
CIE LCh	20, 42.379, 359.684
Yxy	2.9830, 0.4829, 0.2461
Android (android.graphics.Color)	4284744242 (0xFF640232)
YUV	36.7740, 6.5204, 55.4492
Hunter-Lab	17.2715, 30.2652, 0.8135

Details

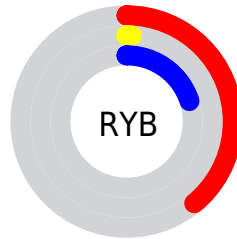
The Hex color **640232** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **026434**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **9B3E60**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **640031**, and if you desaturate by 10%, it is **640C37**.

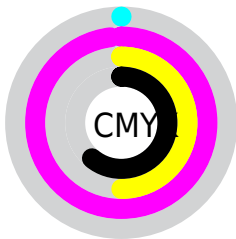
Distribution



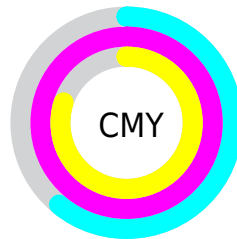
- Red (39%)
- Green (1%)
- Blue (20%)



- Red (39%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (50%)
- Black (61%)



- Cyan (61%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640232 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 640232 by changing the saturation by 10% instead.

 640232

 640232

 FFFDFF

 49001D

 9B3E60

 340002

 B75879

 000000

 D47292

 F28CAD

 FFA8C8

 FFC3E4

 FFE0FF

 640232

 640232

■ 640031

■ 640C37

■ 64163C

■ 642041

■ 642A46

■ 64344C

■ 643E51

■ 644856

■ 64525B

■ 645C60

Harmonies

Analogous

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



541550



640232



630E14

Triad

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



640232



1F3700



003B66

Complementary

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



640232



026434

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.



003D4E



640232



003B0E

Square

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



640232



3D2F00



003D2F



00356F

Rectangle

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



640232



5A1B00



003D2F



003C5F

Sweetspot

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



640232



825C6F



330264



422B36



C2C2C2



424242

Same Dimension

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



640232



820040



640202



332E30



730038



F20077

Inverse Universe

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



640232



820040



026464



332E30



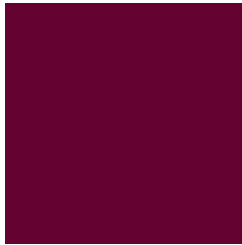
730038



F20077

Previews

White Background



This preview shows how the Hex color 640232 looks on a white background.

Color Contrast Check

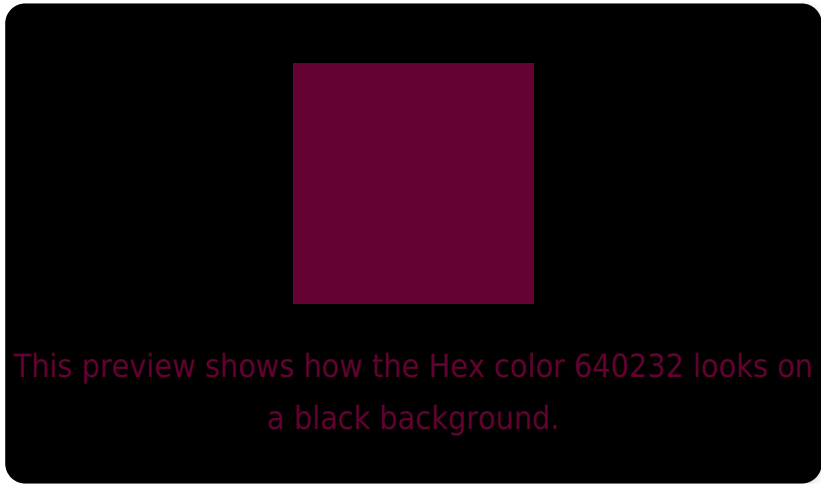
Large Text (above 18pt) WCAG AA ✓ Pass

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 640232 Background



This preview shows how black text looks on a background with the Hex color 640232.



This preview shows how white text looks on a background with the Hex color 640232.

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
640232

Protanopia
2E3348

Deuteranopia
3B322E



Tritanopia
631414

Trichromacy



Original Color
640232

Protanomaly
422140

Deuteranomaly
4A212F

Tritanomaly
630D1F

Monochromacy



Original Color
640232

Achromatopsia
252525

Achromatomaly
3C182A

CSS Examples

Text

The CSS property to change the color of the text to Hex 640232 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 #640232 looks like.

```
.text, #text, p{  
    color:#640232  
}
```

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 #640232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640232
}
```

Border

The CSS property to change the border of an element to Hex 640232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

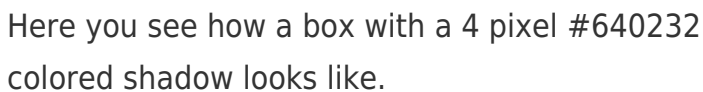
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640232 }
```

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

```
.border{ border-color:#640232 }
```

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



Here you see how a box with a 4 pixel #640232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640232; -webkit-box-shadow:4px 4px  
4px 4px #640232; box-shadow:4px 4px 4px  
4px #640232 }
```

Background

The CSS property to change the background color of an element to Hex 640232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640232 }
```

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

```
.background{ background-color:#640232 }
```

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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