

Converting Colors

Hex(640220)

Have a look what the booklet for
Hex(640220) contains.

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Color

Hex(640220)

Conversions

Conversions Part 1

Format	Color
Hex	640220
RGB	100, 2, 32
RGB Percent	39%, 1%, 13%
CMY	0.6078, 0.9922, 0.8745
CMYK	0.00, 0.98, 0.68, 0.61
HSL	342°, 96%, 20%
HSV	342°, 98%, 39%
XYZ	5.5379, 2.8570, 1.6261
YIQ	34.7220, 48.7780, 30.1060

Conversions

Conversions Part 2

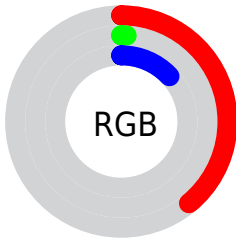
Format	Color
R_{YB}	100, 2, 32
Decimal	6554144
CIE Lab	19.46, 40.99, 11.89
CIE LCh	19, 42.675, 16.177
Yxy	2.8570, 0.5526, 0.2851
Android (android.graphics.Color)	4284744224 (0xFF640220)
YUV	34.7220, -1.3419, 57.2488
Hunter-Lab	16.9027, 28.9033, 6.1281

Details

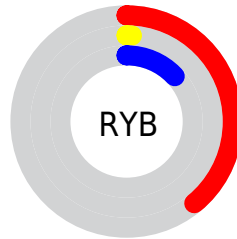
The Hex color **640220** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **026446**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9C3D4C**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **64001F**, and if you desaturate by 10%, it is **640C27**.

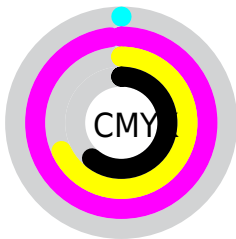
Distribution



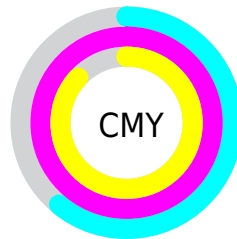
- Red (39%)
- Green (1%)
- Blue (13%)



- Red (39%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (68%)
- Black (61%)



- Cyan (61%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640220 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 640220 by changing the saturation by 10% instead.

 640220

 640220

 FFFCFF

 490008

 9C3D4C

 310002

 B95763

 000000

 D6717C

 F48B96

 FFA6B1

 FFC2CC

 FFDFE8

 640220

 640220

64001F

640C27

64162E

642035

642A3C

643443

643E4A

644851

645258

645C5E

Harmonies

Analogous

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



5E053F



640220



5B1800

Triad

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



640220



003900



00376C

Complementary

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



640220



026446

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.



003B5C



640220



003B1F

Square

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



640220



2C3300



003C40



002D6C

Rectangle

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



640220



4F2400



003C40



003969

Sweetspot

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



640220



825C68



450264



422B32



C2C2C2



424242

Same Dimension

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



640220



820028



641402



332E2F



730023



F2004A

Inverse Universe

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



640220



820028



025264



332E2F



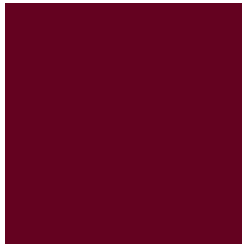
730023



F2004A

Previews

White Background



This preview shows how the Hex color 640220 looks on a white background.

Color Contrast Check

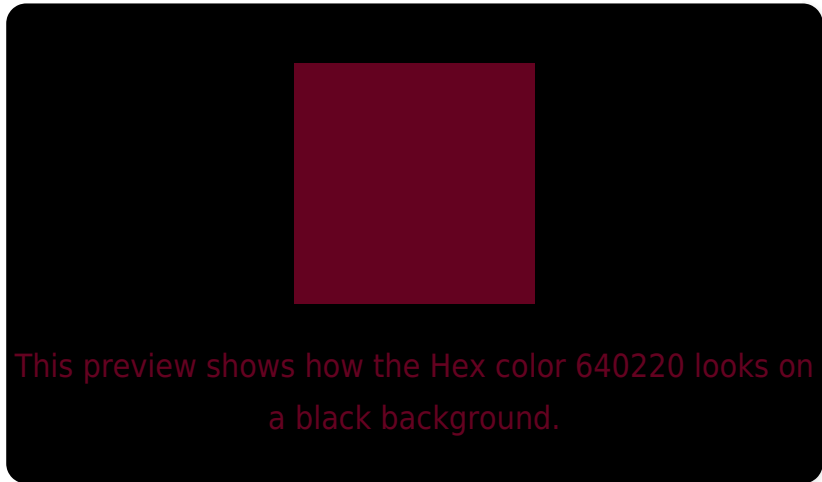
Large Text (above 18pt) WCAG AA ✓ Pass

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

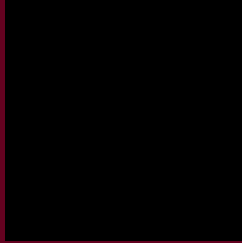
Any Text WCAG AA × Fail

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 640220 Background



This preview shows how black text looks on a background with the Hex color 640220.



This preview shows how white text looks on a background with the Hex color 640220.

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
640220

Protanopia
35332F

Deuteranopia
3F311B



Tritanopia
630D0B

Trichromacy



Original Color
640220

Protanomaly
46212A

Deuteranomaly
4C201D

Tritanomaly
630913

Monochromacy



Original Color
640220

Achromatopsia
232323

Achromatomaly
3B1722

CSS Examples

Text

The CSS property to change the color of the text to Hex 640220 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 #640220 looks like.

```
.text, #text, p{  
    color:#640220  
}
```

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 #640220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640220
}
```

Border

The CSS property to change the border of an element to Hex 640220 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".

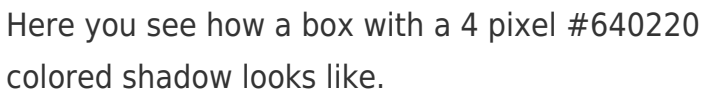
```
.border, #border, table{ border:4px solid
#640220 }
```

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

```
.border{ border-color:#640220 }
```

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

Here you see how a box with a 4 pixel #640220 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640220; -webkit-box-shadow:4px 4px  
4px 4px #640220; box-shadow:4px 4px 4px  
4px #640220 }
```

Background

The CSS property to change the background color of an element to Hex 640220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640220 }
```

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

```
.background{ background-color:#640220 }
```

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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