

Converting Colors

Hex(640200)

Have a look what the booklet for
Hex(640200) contains.

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Color

Hex(640200)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 640200 |
| RGB | 100, 2, 0 |
| RGB Percent | 39%, 1%, 0% |
| CMY | 0.6078, 0.9922, 1.0000 |
| CMYK | 0.00, 0.98, 1.00, 0.61 |
| HSL | 1°, 100%, 20% |
| HSV | 1°, 100%, 39% |
| XYZ | 5.2772, 2.7527, 0.2532 |
| YIQ | 31.0740, 59.0500, 20.1540 |

Conversions

Conversions Part 2

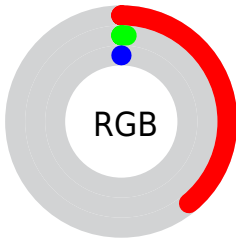
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 100, 2, 0 |
| Decimal | 6554112 |
| CIELab | 19.03, 39.78, 29.18 |
| CIELCh | 19, 49.333, 36.264 |
| Yxy | 2.7527, 0.6371, 0.3323 |
| Android (android.graphics.Color) | 4284744192 (0xFF640200) |
| YUV | 31.0740, -15.3195, 60.4481 |
| Hunter-Lab | 16.5914, 27.7407, 10.7092 |

Details

The Hex color **640200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006264**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **9E3C2F**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **640200**, and if you desaturate by 10%, it is **640C0A**.

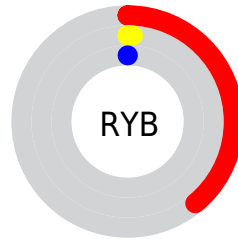
Distribution



Red (39%)

Green (1%)

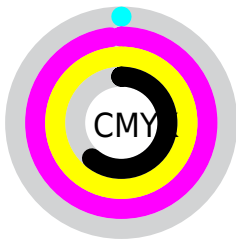
Blue (0%)



Red (39%)

Yellow (1%)

Blue (0%)

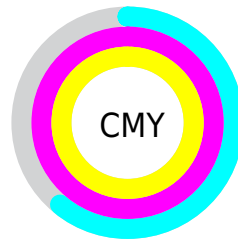


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640200 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 640200 by changing the saturation by 10% instead.

 640200

 640200

 FFFAE2

 470000

 9E3C2F

 2F0002

 BB5645

 000000

 D96F5D

 F88A76

 FFA590

 FFC1AA

 FFDDC6

 640200

■ 640C0A

■ 641614

■ 641F1E

■ 642928

■ 643332

■ 643D3C

■ 644746

■ 645050

■ 645A5A

Harmonies

Analogous

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



6A0029



640200



502100

Triad

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



640200



003B0E



003177

Complementary

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



640200



006264

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.



003A71



640200



003C35

Square

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



640200



073700



003C58



332069

Rectangle

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



640200



3E2B00



003C58



003577

Sweetspot

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



640200



825C5B



640062



422B2A



C2C2C2



424242

Same Dimension

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



640200



820300



643400



332E2E



730200



F20500

Inverse Universe

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



006264



007F82



003064



2E3333



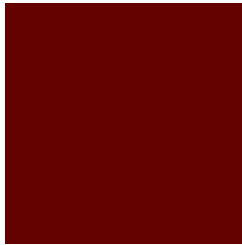
007073



00EDF2

Previews

White Background



This preview shows how the Hex color 640200 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

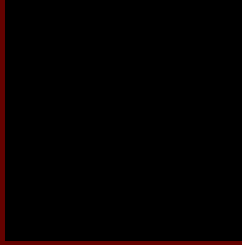
Any Text WCAG AA × Fail

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 640200 Background



This preview shows how black text looks on a background with the Hex color 640200.



This preview shows how white text looks on a background with the Hex color 640200.

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
640200

Protanopia
39330D

Deuteranopia
403000



Tritanopia
630900

Trichromacy



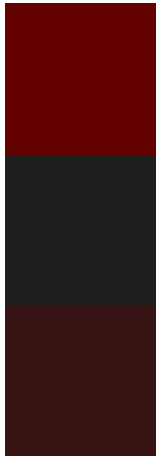
Original Color
640200

Protanomaly
492108

Deuteranomaly
4D1F00

Tritanomaly
630600

Monochromacy



Original Color
640200

Achromatopsia
1F1F1F

Achromatomaly
381414

CSS Examples

Text

The CSS property to change the color of the text to Hex 640200 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 #640200 looks like.

```
.text, #text, p{  
    color:#640200  
}
```

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 #640200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640200
}
```

Border

The CSS property to change the border of an element to Hex 640200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

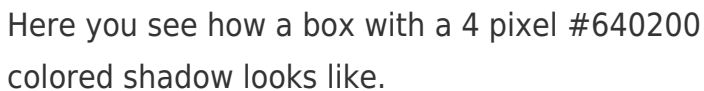
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640200 }
```

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

```
.border{ border-color:#640200 }
```

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



Here you see how a box with a 4 pixel #640200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640200; -webkit-box-shadow:4px 4px  
4px 4px #640200; box-shadow:4px 4px 4px  
4px #640200 }
```

Background

The CSS property to change the background color of an element to Hex 640200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640200 }
```

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

```
.background{ background-color:#640200 }
```

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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