

Converting Colors

Hex(640300)

Have a look what the booklet for
Hex(640300) contains.

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Color

Hex(640300)

Conversions

Conversions Part 1

Format	Color
Hex	640300
RGB	100, 3, 0
RGB Percent	39%, 1%, 0%
CMY	0.6078, 0.9882, 1.0000
CMYK	0.00, 0.97, 1.00, 0.61
HSL	2°, 100%, 20%
HSV	2°, 100%, 39%
XYZ	5.2881, 2.7744, 0.2568
YIQ	31.6610, 58.7750, 19.6310

Conversions

Conversions Part 2

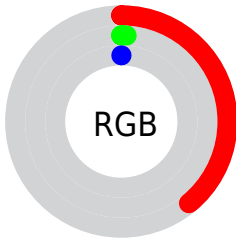
Format	Color
RYB	100, 3, 0
Decimal	6554368
CIELab	19.12, 39.51, 29.29
CIELCh	19, 49.183, 36.546
Yxy	2.7744, 0.6356, 0.3335
Android (android.graphics.Color)	4284744448 (0xFF640300)
YUV	31.6610, -15.6089, 59.9333
Hunter-Lab	16.6567, 27.5202, 10.7456

Details

The Hex color **640300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006164**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9E3D2F**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **640300**, and if you desaturate by 10%, it is **640D0A**.

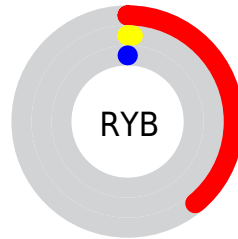
Distribution



Red (39%)

Green (1%)

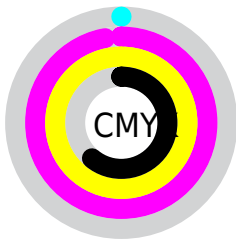
Blue (0%)



Red (39%)

Yellow (1%)

Blue (0%)

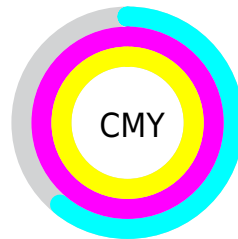


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640300 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 640300 by changing the saturation by 10% instead.

 640300

 640300

 FFFBE2

 480000

 9E3D2F

 2F0002

 BB5645

 000000

 D9705D

 F88A76

 FFA690

 FFC1AA

 FFDEC6

 640300

■ 640D0A

■ 641614

■ 64201E

■ 642A28

■ 643432

■ 643D3C

■ 644746

■ 645150

■ 645A5A

Harmonies

Analogous

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



6A0028



640300



502100

Triad

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



640300



003B0F



003177

Complementary

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



640300



006164

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



640300



003C36

Square

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



640300



073700



003C59



342069

Rectangle

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



640300



3E2C00



003C59



003577

Sweetspot

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



640300



825C5B



640062



422B2A



C2C2C2



424242

Same Dimension

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



640300



820400



643400



332E2E



730300



F20700

Inverse Universe

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



006164



007E82



003064



2E3333



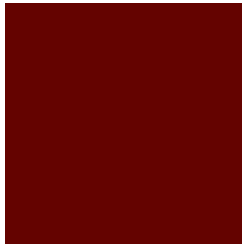
006F73



00EBF2

Previews

White Background



This preview shows how the Hex color 640300 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

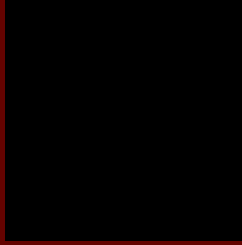
Any Text WCAG AA × Fail

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 640300 Background



This preview shows how black text looks on a background with the Hex color 640300.



This preview shows how white text looks on a background with the Hex color 640300.

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
640300

Protanopia
39330D

Deuteranopia
403000



Tritanopia
630900

Trichromacy



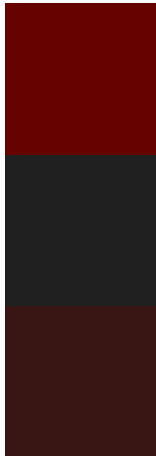
Original Color
640300

Protanomaly
492208

Deuteranomaly
4D2000

Tritanomaly
630700

Monochromacy



Original Color
640300

Achromatopsia
202020

Achromatomaly
391514

CSS Examples

Text

The CSS property to change the color of the text to Hex 640300 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 #640300 looks like.

```
.text, #text, p{  
    color:#640300  
}
```

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 #640300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640300
}
```

Border

The CSS property to change the border of an element to Hex 640300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

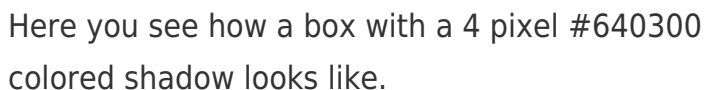
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640300 }
```

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

```
.border{ border-color:#640300 }
```

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



Here you see how a box with a 4 pixel #640300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640300; -webkit-box-shadow:4px 4px  
4px 4px #640300; box-shadow:4px 4px 4px  
4px #640300 }
```

Background

The CSS property to change the background color of an element to Hex 640300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640300 }
```

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

```
.background{ background-color:#640300 }
```

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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