

# Converting Colors

Hex(620300)

Have a look what the booklet for  
Hex(620300) contains.

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**Color**

**Hex(620300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	620300
RGB	98, 3, 0
RGB Percent	38%, 1%, 0%
CMY	0.6157, 0.9882, 1.0000
CMYK	0.00, 0.97, 1.00, 0.62
HSL	2°, 100%, 19%
HSV	2°, 100%, 38%
XYZ	5.0696, 2.6618, 0.2466
YIQ	31.0630, 57.5830, 19.2070

# Conversions

## Conversions Part 2

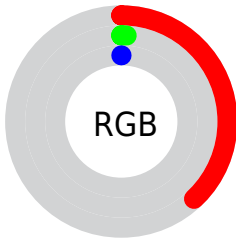
Format	Color
<a href="#">RYB</a>	<a href="#">98, 3, 0</a>
Decimal	<a href="#">6423296</a>
CIELab	<a href="#">18.64, 38.92, 28.60</a>
CIELCh	<a href="#">19, 48.302, 36.310</a>
Yxy	<a href="#">2.6618, 0.6354, 0.3336</a>
Android (android.graphics.Color)	<a href="#">4284613376</a> ( <a href="#">0xFF620300</a> )
YUV	<a href="#">31.0630, -15.3141, 58.7037</a>
Hunter-Lab	<a href="#">16.3150, 26.9141, 10.5244</a>

# Details

The Hex color **620300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005F62**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **9B3C2F**, and **2D0001** is the 20% darker color. If you saturate the color by 10%, you get **620300**, and if you desaturate by 10%, it is **620D0A**.

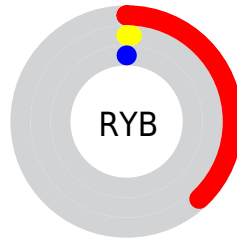
# Distribution



Red (38%)

Green (1%)

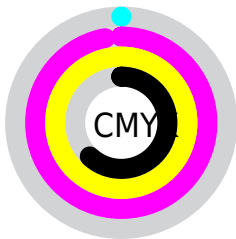
Blue (0%)



Red (38%)

Yellow (1%)

Blue (0%)

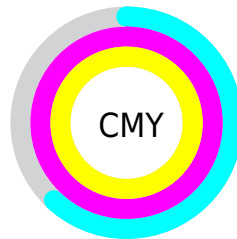


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (99%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 620300 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 620300 by changing the saturation by 10% instead.



 620300

 620300

 FFFAE2

 460000

 9B3C2F

 2D0001

 B95545

 000000

 D76F5D

 F58A76

 FFA590

 FFC0AA

 FFDDC6

 620300

■ 620D0A

■ 621614

■ 62201D

■ 622927

■ 623331

■ 623C3B

■ 624645

■ 624F4E

■ 625958

# Harmonies

## Analogous

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



680028



620300



4F2000

# Triad

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



620300



003A0E



003074

# Complementary

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



620300



005F62

# 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.



00386E



620300



003B34

# Square

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



620300



083600



003B57



331F67

# Rectangle

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



620300



3D2B00



003B57



003475



# Sweetspot

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



620300



805A59



620060



402A29



BFBFBF



404040



# Same Dimension

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



620300



800400



623300



302C2C



700300



F00700



# Inverse Universe

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



005F62



007C80



002F62



2C3030



006D70

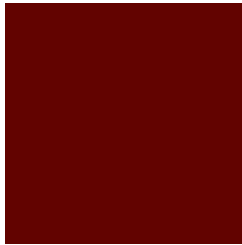


00E8F0



# Previews

## White Background



This preview shows how the Hex color 620300 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 620300 Background



This preview shows how black text looks on a background with the Hex color 620300.

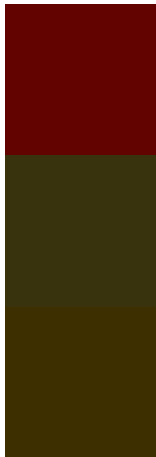


This preview shows how white text looks on a background with the Hex color 620300.

# 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**  
620300

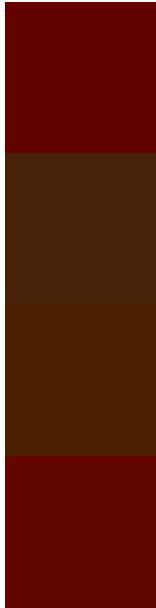
**Protanopia**  
38320D

**Deuteranopia**  
3E2F00



**Tritanopia**  
610900

# Trichromacy



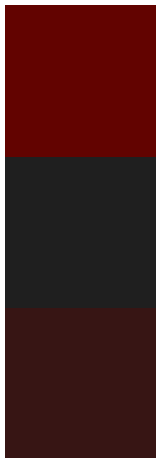
**Original Color**  
620300

**Protanomaly**  
472108

**Deuteranomaly**  
4B1F00

**Tritanomaly**  
610700

# Monochromacy



**Original Color**  
620300

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
371514

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 620300 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 #620300 looks like.

```
.text, #text, p{  
    color:#620300  
}
```

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 #620300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #620300
}
```

## Border

The CSS property to change the border of an element to Hex 620300 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".

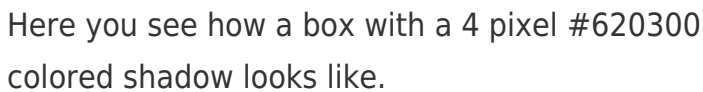
```
.border, #border, table{ border:4px solid
#620300 }
```

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

```
.border{ border-color:#620300 }
```

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

Here you see how a box with a 4 pixel #620300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #620300; -webkit-box-shadow:4px 4px  
4px 4px #620300; box-shadow:4px 4px 4px  
4px #620300 }
```

# Background

The CSS property to change the background color of an element to Hex 620300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#620300 }
```

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

```
.background{ background-color:#620300 }
```

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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