

# Converting Colors

Hex(601225)

Have a look what the booklet for  
Hex(601225) contains.

<b>Hex(601225)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(601225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	601225
RGB	96, 18, 37
RGB Percent	38%, 7%, 15%
CMY	0.6235, 0.9294, 0.8549
CMYK	0.00, 0.81, 0.61, 0.62
HSL	345°, 68%, 22%
HSV	345°, 81%, 38%
XYZ	5.3741, 3.0530, 2.0563
YIQ	43.4880, 40.3890, 22.4450

# Conversions

## Conversions Part 2

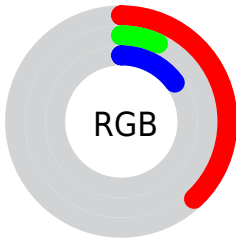
Format	Color
<a href="#">RYB</a>	<a href="#">96, 18, 37</a>
Decimal	<a href="#">6296101</a>
CIELab	<a href="#">20.25, 35.64, 9.25</a>
CIElCh	<a href="#">20, 36.817, 14.547</a>
Yxy	<a href="#">3.0530, 0.5126, 0.2912</a>
Android (android.graphics.Color)	<a href="#">4284486181 (0xFF601225)</a>
YUV	<a href="#">43.4880, -3.1986, 46.0530</a>
Hunter-Lab	<a href="#">17.4728, 24.3239, 5.2533</a>

# Details

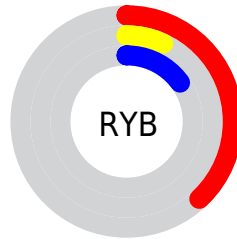
The Hex color **601225** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12604D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **974551**, and **2F0001** is the 20% darker color. If you saturate the color by 10%, you get **60081E**, and if you desaturate by 10%, it is **601C2C**.

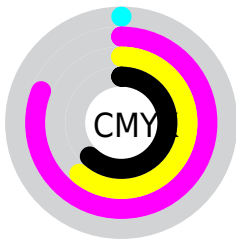
# Distribution



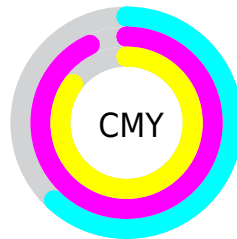
- Red (38%)
- Green (7%)
- Blue (15%)



- Red (38%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (61%)
- Black (62%)



- Cyan (62%)
- Magenta (93%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 601225 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 601225 by changing the saturation by 10% instead.



 601225

 601225

FFFFFF

 460010

 974551

 2F0001

 B35E69

 000000

 D07883

 ED929D

 FFADB7

 FFC9D3

 FFE6EF

 601225

 601225

■ 60081E

■ 601C2C

■ 600017

■ 602534

■ 602F3B

■ 603842

■ 604249

■ 604C51

■ 605558

■ 605F5F

■ 606866

# Harmonies

## Analogous

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



5A1540



601225



591E0A

# Triad

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



601225



0F3904



003865

# Complementary

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



601225



12604D

# 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.



003C56



601225



003C21

# Square

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



601225



323400



003D3E



023066

# Rectangle

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



601225



4F2600



003D3E



003A62



# Sweetspot

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



601225



7D5F66



4D1260



402D32



BFBFBF



404040



# Same Dimension

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



601225



7D0220



602512



302C2D



70001B



F0003A



# Inverse Universe

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



601225



7D0220



124D60



302C2D



70001B

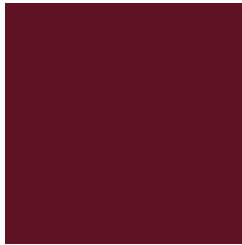


F0003A



# Previews

## White Background



This preview shows how the Hex color 601225 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 601225 Background



This preview shows how black text looks on a background with the Hex color 601225.



This preview shows how white text looks on a background with the Hex color 601225.

# 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**  
601225

**Protanopia**  
343333

**Deuteranopia**  
3D3121



**Tritanopia**  
5F1616

# Trichromacy



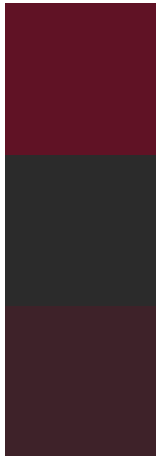
**Original Color**  
601225

**Protanomaly**  
44272E

**Deuteranomaly**  
4A2622

**Tritanomaly**  
5F151B

# Monochromacy



**Original Color**  
601225

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3E2229

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 601225 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 #601225 looks like.

```
.text, #text, p{  
    color:#601225  
}
```

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 #601225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #601225
}
```

## Border

The CSS property to change the border of an element to Hex 601225 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".

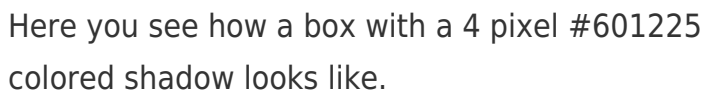
```
.border, #border, table{ border:4px solid
#601225 }
```

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

```
.border{ border-color:#601225 }
```

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

Here you see how a box with a 4 pixel #601225 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #601225; -webkit-box-shadow:4px 4px  
4px 4px #601225; box-shadow:4px 4px 4px  
4px #601225 }
```

# Background

The CSS property to change the background color of an element to Hex 601225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#601225 }
```

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

```
.background{ background-color:#601225 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor