

# Converting Colors

Hex(602500)

Have a look what the booklet for  
Hex(602500) contains.

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# Color

**Hex(602500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	602500
RGB	96, 37, 0
RGB Percent	38%, 15%, 0%
CMY	0.6235, 0.8549, 1.0000
CMYK	0.00, 0.61, 1.00, 0.62
HSL	23°, 100%, 19%
HSV	23°, 100%, 38%
XYZ	5.4854, 3.8099, 0.4463
YIQ	50.4230, 47.0410, 1.0010

# Conversions

## Conversions Part 2

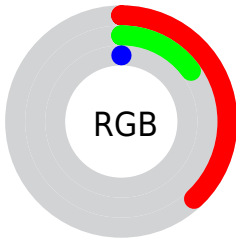
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 60, 0
Decimal	6300928
CIELab	23.03, 24.98, 33.33
CIELCh	23, 41.650, 53.149
Yxy	3.8099, 0.5631, 0.3911
Android (android.graphics.Color)	4284491008 (0xFF602500)
YUV	50.4230, -24.8585, 39.9710
Hunter-Lab	19.5190, 16.0055, 12.3077

# Details

The Hex color **602500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003B60**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **98542F**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **602500**, and if you desaturate by 10%, it is **602B0A**.

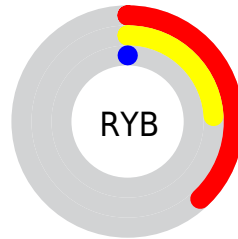
# Distribution



Red (38%)

Green (15%)

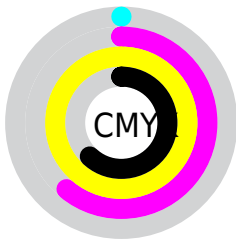
Blue (0%)



Red (38%)

Yellow (24%)

Blue (0%)

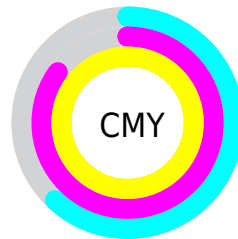


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 602500 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 602500 by changing the saturation by 10% instead.



 602500

 602500

 FFFFE4

 450E00

 98542F

 2C0000

 B56D46

 000000

 D2865E

 F0A178

 FFBC92

 FFD8AC

 FFF4C8

 602500

 602B0A

 603113

 60371D

 603D26

 604230

 60483A

 604E43

 60544D

 605A56

# Harmonies

## Analogous

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



6C1521



602500



4B3300

# Triad

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



602500



00442F



233271

# Complementary

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



602500



003B60

# 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.



003D75



602500



00444F

# Square

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



602500



00420D



004369



55215D

# Rectangle

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



602500



383A00



004369



003674



# Sweetspot

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



602500



7D6657



60003B



403229



BFBFBF



404040



# Same Dimension

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



602500



7D3000



605500



302D2C



702B00



F05C00



# Inverse Universe

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



003B60



004D7D



000B60



2C2F30



004570

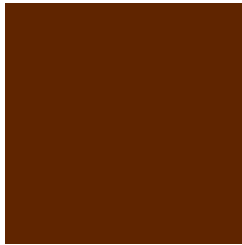


0093F0



# Previews

## White Background



This preview shows how the Hex color 602500 looks on a white background.

## Color Contrast Check

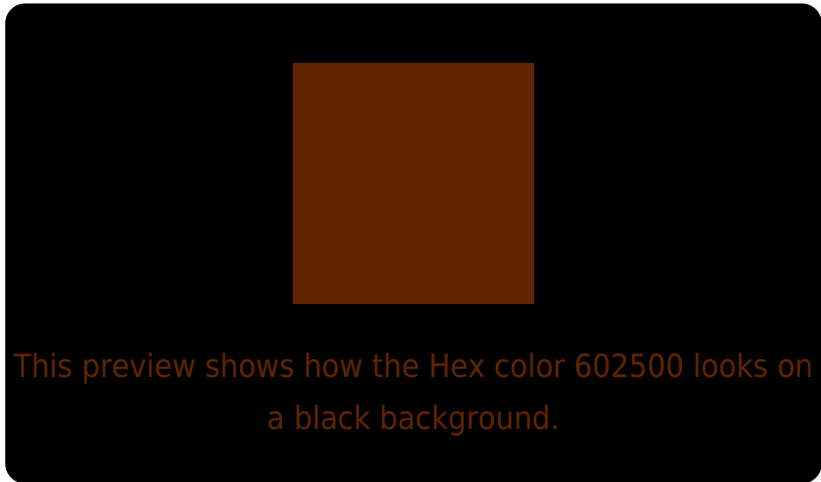
Large Text (above 18pt) WCAG AA ✓ Pass

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

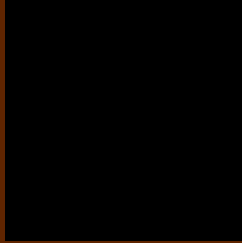
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 602500 Background



This preview shows how black text looks on a background with the Hex color 602500.



This preview shows how white text looks on a background with the Hex color 602500.

# 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**  
602500

**Protanopia**  
3F380A

**Deuteranopia**  
473500



# Trichromacy



**Original Color**  
602500

**Protanomaly**  
4B3106

**Deuteranomaly**  
502F00

**Tritanomaly**  
612317

# Monochromacy



**Original Color**  
602500

**Achromatopsia**  
323232

**Achromatomaly**  
432D20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 602500 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 #602500 looks like.

```
.text, #text, p{  
    color:#602500  
}
```

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 #602500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602500
}
```

## Border

The CSS property to change the border of an element to Hex 602500 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
#602500 }
```

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

```
.border{ border-color:#602500 }
```

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

Here you see how a box with a 4 pixel #602500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602500; -webkit-box-shadow:4px 4px  
4px 4px #602500; box-shadow:4px 4px 4px  
4px #602500 }
```

# Background

The CSS property to change the background color of an element to Hex 602500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602500 }
```

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

```
.background{ background-color:#602500 }
```

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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