

Converting Colors

Hex(6A2602)

Have a look what the booklet for
Hex(6A2602) contains.

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Color

Hex(6A2602)

Conversions

Conversions Part 1

Format	Color
Hex	6A2602
RGB	106, 38, 2
RGB Percent	42%, 15%, 1%
CMY	0.5843, 0.8510, 0.9922
CMYK	0.00, 0.64, 0.98, 0.58
HSL	21°, 96%, 21%
HSV	21°, 98%, 42%
XYZ	6.6479, 4.4548, 0.5669
YIQ	54.2280, 52.0840, 3.2200

Conversions

Conversions Part 2

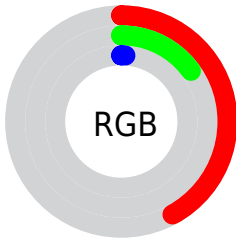
Format	Color
R_{YB}	106, 57, 2
Decimal	6956546
CIE Lab	25.12, 28.76, 35.20
CIE LCh	25, 45.459, 50.751
Yxy	4.4548, 0.5697, 0.3817
Android (android.graphics.Color)	4285146626 (0xFF6A2602)
YUV	54.2280, -25.7484, 45.4040
Hunter-Lab	21.1064, 19.2865, 13.1819

Details

The Hex color **6A2602** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02466A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A35631**, and **330000** is the 20% darker color. If you saturate the color by 10%, you get **6A2500**, and if you desaturate by 10%, it is **6A2D0D**.

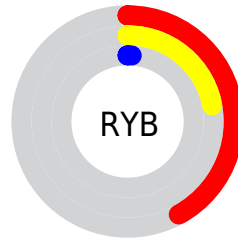
Distribution



Red (42%)

Green (15%)

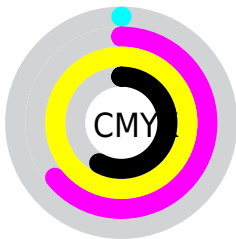
Blue (1%)



Red (42%)

Yellow (22%)

Blue (1%)

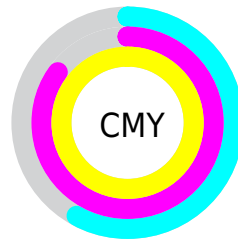


Cyan (0%)

Magenta (64%)

Yellow (98%)

Black (58%)



Cyan (58%)

Magenta (85%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2602 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 6A2602 by changing the saturation by 10% instead.

 6A2602

 6A2602

 FFFFE6

 4E0E00

 A35631

 330000

 C06F48

 120000

 DE8960

 000000

 FCA37A

 FFBF94

 FFDBAF

 FFF7CA

 6A2602

 6A2602

■ 6A2500

■ 6A2D0D

■ 6A3417

■ 6A3B22

■ 6A422C

■ 6A4937

■ 6A5042

■ 6A574C

■ 6A5D57

■ 6A6461

Harmonies

Analogous

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



761326



6A2602



533600

Triad

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



6A2602



004A2F



1B377D

Complementary

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



6A2602



02466A

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.



004380



6A2602



004A53

Square

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



6A2602



00470A



004971



592568

Rectangle

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



6A2602



3F3E00



004971



003C80

Sweetspot

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



6A2602



8A7062



6A0247



45352D



C4C4C4



454545

Same Dimension

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



6A2602



8A3000



6A5902



363230



752900



F55500

Inverse Universe

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



02466A



005A8A



02136A



303436



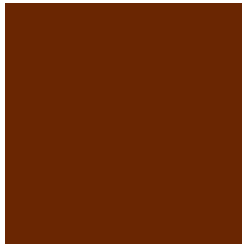
004D75



00A0F5

Previews

White Background



This preview shows how the Hex color 6A2602 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

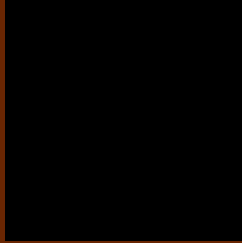
Any Text WCAG AA × Fail

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 6A2602 Background



This preview shows how black text looks on a background with the Hex color 6A2602.



This preview shows how white text looks on a background with the Hex color 6A2602.

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
6A2602

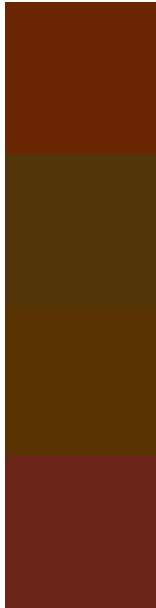
Protanopia
453D0B

Deuteranopia
4D3A00



Tritanopia
6B2325

Trichromacy



Original Color
6A2602

Protanomaly
523508

Deuteranomaly
583301

Tritanomaly
6B2418

Monochromacy



Original Color
6A2602

Achromatopsia
363636

Achromatomaly
493023

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2602 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 #6A2602 looks like.

```
.text, #text, p{  
    color:#6A2602  
}
```

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 #6A2602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2602
}
```

Border

The CSS property to change the border of an element to Hex 6A2602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

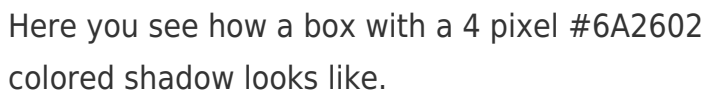
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2602 }
```

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

```
.border{ border-color:#6A2602 }
```

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



Here you see how a box with a 4 pixel #6A2602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2602; -webkit-box-shadow:4px 4px  
4px 4px #6A2602; box-shadow:4px 4px 4px  
4px #6A2602 }
```

Background

The CSS property to change the background color of an element to Hex 6A2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2602 }
```

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

```
.background{ background-color:#6A2602 }
```

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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