

Converting Colors

Hex(602300)

Have a look what the booklet for
Hex(602300) contains.

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Color

Hex(602300)

Conversions

Conversions Part 1

Format	Color
Hex	602300
RGB	96, 35, 0
RGB Percent	38%, 14%, 0%
CMY	0.6235, 0.8627, 1.0000
CMYK	0.00, 0.64, 1.00, 0.62
HSL	22°, 100%, 19%
HSV	22°, 100%, 38%
XYZ	5.4249, 3.6889, 0.4261
YIQ	49.2490, 47.5910, 2.0470

Conversions

Conversions Part 2

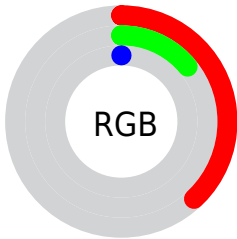
Format	Color
R_YB	96, 55, 0
Decimal	6300416
CIE Lab	22.61, 26.07, 32.90
CIE LCh	23, 41.972, 51.607
Yxy	3.6889, 0.5687, 0.3867
Android (android.graphics.Color)	4284490496 (0xFF602300)
YUV	49.2490, -24.2798, 41.0006
Hunter-Lab	19.2064, 16.8066, 12.1291

Details

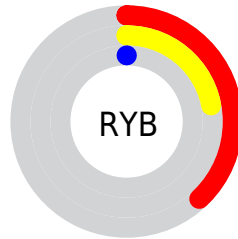
The Hex color **602300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003D60**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **98522F**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **602300**, and if you desaturate by 10%, it is **60290A**.

Distribution



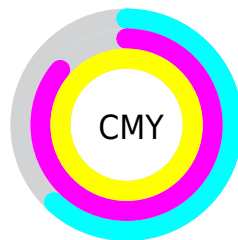
- Red (38%)
- Green (14%)
- Blue (0%)



- Red (38%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (62%)



- Cyan (62%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 602300 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 602300 by changing the saturation by 10% instead.

 602300

 602300

 FFFFE4

 450C00

 98522F

 2C0000

 B56B46

 000000

 D2845E

 F09F77

 FFBA91

 FFD6AC

 FFF2C8

 602300

■ 60290A

■ 602F13

■ 60351D

■ 603B26

■ 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.



6B1221



602300



4B3200

Triad

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



602300



00432C



1C3271

Complementary

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



602300



003D60

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.



003D74



602300



00444C

Square

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



602300



00400A



004267



52215D

Rectangle

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



602300



393800



004267



003674

Sweetspot

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



602300



7D6557



60003E



403129



BFBFBF



404040

Same Dimension

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



602300



7D2E00



605200



302D2C



702900



F05700

Inverse Universe

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



003D60



004F7D



000E60



2C2F30



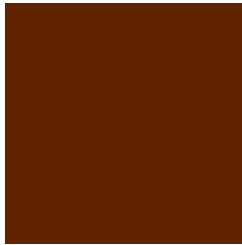
004770



0098F0

Previews

White Background



This preview shows how the Hex color 602300 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

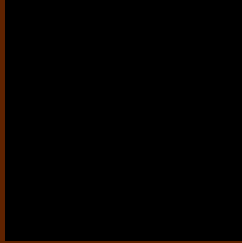
Any Text WCAG AA × Fail

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 602300 Background



This preview shows how black text looks on a background with the Hex color 602300.



This preview shows how white text looks on a background with the Hex color 602300.

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

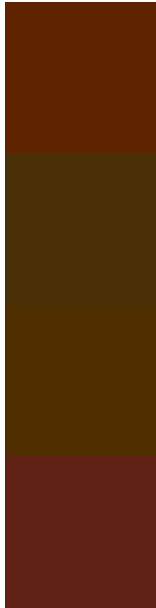


Original Color
602300

Protanopia
3E380A

Deuteranopia
463500

Trichromacy



Original Color
602300

Protanomaly
4A3006

Deuteranomaly
4F2E00

Tritanomaly
612216

Monochromacy



Original Color
602300

Achromatopsia
313131

Achromatomaly
422C1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 602300 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 #602300 looks like.

```
.text, #text, p{  
    color:#602300  
}
```

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 #602300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602300
}
```

Border

The CSS property to change the border of an element to Hex 602300 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
#602300 }
```

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

```
.border{ border-color:#602300 }
```

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

Here you see how a box with a 4 pixel #602300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602300; -webkit-box-shadow:4px 4px  
4px 4px #602300; box-shadow:4px 4px 4px  
4px #602300 }
```

Background

The CSS property to change the background color of an element to Hex 602300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602300 }
```

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

```
.background{ background-color:#602300 }
```

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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