

Converting Colors

Hex(C6230D)

Have a look what the booklet for
Hex(C6230D) contains.

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Color

Hex(C6230D)

Conversions

Conversions Part 1

Format	Color
Hex	C6230D
RGB	198, 35, 13
RGB Percent	78%, 14%, 5%
CMY	0.2235, 0.8627, 0.9490
CMYK	0.00, 0.82, 0.93, 0.22
HSL	7°, 88%, 41%
HSV	7°, 93%, 78%
XYZ	23.9624, 13.2369, 1.6728
YIQ	81.2290, 104.2100, 27.7140

Conversions

Conversions Part 2

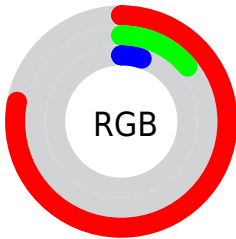
Format	Color
R_{YB}	198, 38, 13
Decimal	12985101
CIE Lab	43.12, 61.05, 52.21
CIE LCh	43, 80.326, 40.539
Yxy	13.2369, 0.6164, 0.3405
Android (android.graphics.Color)	4291175181 (0xFFC6230D)
YUV	81.2290, -33.6369, 102.4082
Hunter-Lab	36.3825, 53.8948, 22.7418

Details

The Hex color **C6230D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0DB0C6**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF613E**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C61800**, and if you desaturate by 10%, it is **C63421**.

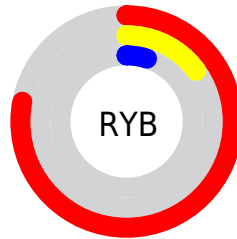
Distribution



Red (78%)

Green (14%)

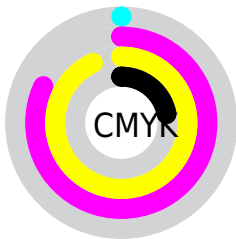
Blue (5%)



Red (78%)

Yellow (15%)

Blue (5%)

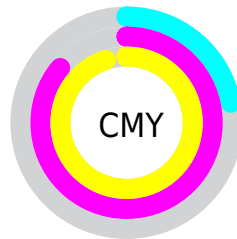


Cyan (0%)

Magenta (82%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6230D 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 C6230D by changing the saturation by 10% instead.

 C6230D

 C6230D

 FFFFFA

 A60000

 FF613E

 860000

 FF7D57

 670000

 FF9A70

 490002

 FFB68A

 2C0001

 FFD3A5

 000000

 FFF1C1

 FFFFDD

 C6230D

 C6230D

 C61800

 C63421

 C64635

 C65748

 C6695C

 C67A70

 C68C84

 C69D98

 C6AFAB

 C6C0BF

Harmonies

Analogous

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



D50052



C6230D



9F5200

Triad

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



C6230D



007E36



0068EB

Complementary

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



C6230D



0DB0C6

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.



0079E5



C6230D



00807D

Square

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



C6230D



007800



0080BC



8045CD

Rectangle

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



C6230D



7C6400



0080BC



006FED

Sweetspot

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



C6230D



FFC0B8



C60DB0



805954



000000



808080

Same Dimension

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



C6230D



FF1E00



C67F0D



635B5A



A31300



240400

Inverse Universe

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



0DB0C6



00E1FF



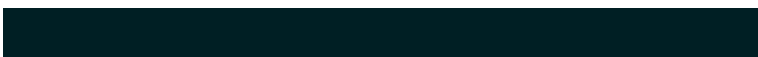
0D54C6



5A6263



0090A3



001F24

Previews

White Background



This preview shows how the Hex color C6230D looks on a white background.

Color Contrast Check

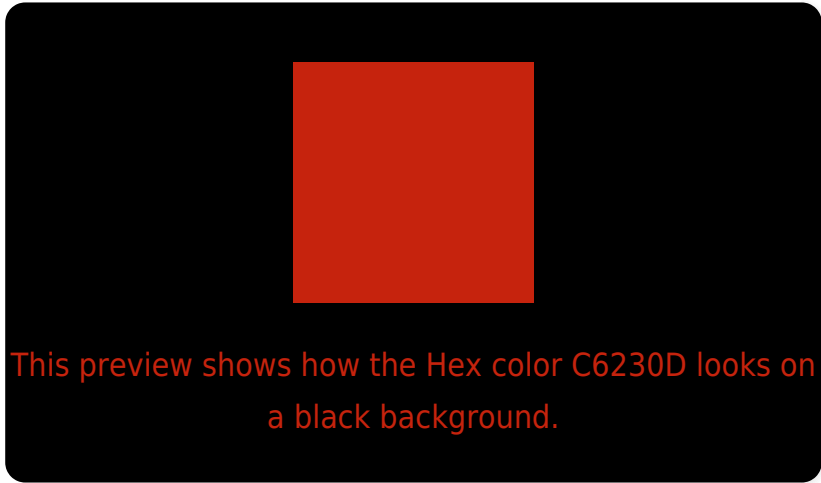
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C6230D Background



This preview shows how black text looks on a background with the Hex color C6230D.



This preview shows how white text looks on a background with the Hex color C6230D.

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

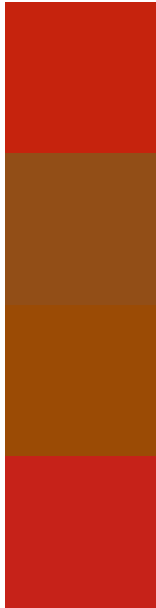


Original Color
C6230D

Protanopia
74671D

Deuteranopia
826200

Trichromacy



Original Color
C6230D

Protanomaly
924E17

Deuteranomaly
9B4B05

Tritanomaly
C62219

Monochromacy



Original Color
C6230D

Achromatopsia
515151

Achromatomaly
7C4038

CSS Examples

Text

The CSS property to change the color of the text to Hex C6230D 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 #C6230D looks like.

```
.text, #text, p{  
    color:#C6230D  
}
```

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 #C6230D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6230D
}
```

Border

The CSS property to change the border of an element to Hex C6230D is called "border". The border property can be set on classes, ids or directly on the HTML element.

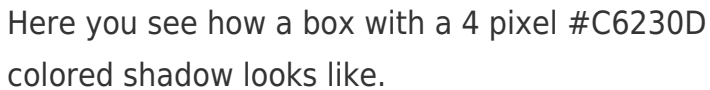
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6230D }
```

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

```
.border{ border-color:#C6230D }
```

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



Here you see how a box with a 4 pixel `#C6230D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6230D; -webkit-box-shadow:4px 4px  
4px 4px #C6230D; box-shadow:4px 4px 4px  
4px #C6230D }
```

Background

The CSS property to change the background color of an element to Hex C6230D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6230D }
```

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

```
.background{ background-color:#C6230D }
```

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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