

Converting Colors

Hex(C62306)

Have a look what the booklet for
Hex(C62306) contains.

Hex(C62306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C62306)

Conversions

Conversions Part 1

Format	Color
Hex	C62306
RGB	198, 35, 6
RGB Percent	78%, 14%, 2%
CMY	0.2235, 0.8627, 0.9765
CMYK	0.00, 0.82, 0.97, 0.22
HSL	9°, 94%, 40%
HSV	9°, 97%, 78%
XYZ	23.9226, 13.2210, 1.4633
YIQ	80.4310, 106.4570, 25.5370

Conversions

Conversions Part 2

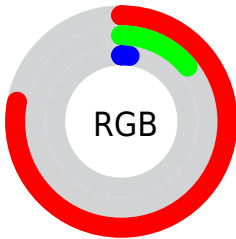
Format	Color
R_{YB}	198, 40, 6
Decimal	12985094
CIE _{Lab}	43.09, 60.97, 54.34
CIE _{LCh}	43, 81.670, 41.706
Yxy	13.2210, 0.6196, 0.3425
Android (android.graphics.Color)	4291175174 (0xFFC62306)
YUV	80.4310, -36.6945, 103.1080
Hunter-Lab	36.3607, 53.8085, 23.0663

Details

The Hex color **C62306** 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 **06A9C6**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF613A**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C61E00**, and if you desaturate by 10%, it is **C6341A**.

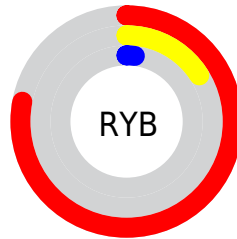
Distribution



Red (78%)

Green (14%)

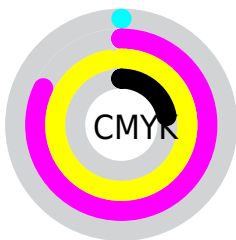
Blue (2%)



Red (78%)

Yellow (16%)

Blue (2%)

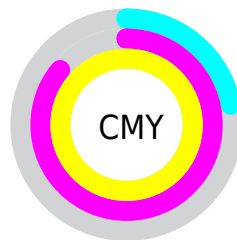


Cyan (0%)

Magenta (82%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C62306 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 C62306 by changing the saturation by 10% instead.

 C62306

 C62306

 FFFFF5

 A60000

 FF613A

 860000

 FF7D53

 670000

 FF9A6C

 490002

 FFB686

 2C0001

 FFD3A1

 000000

 FFF1BC

 FFFFD8

 C62306

 C62306

■ C61E00

■ C6341A

■ C6452E

■ C65541

■ C66655

■ C67769

■ C6887D

■ C69991

■ C6A9A4

■ C6BAB8

Harmonies

Analogous

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



D7004F



C62306



9E5300

Triad

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



C62306



007E38



0067ED

Complementary

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



C62306



06A9C6

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.



0079E8



C62306



008180

Square

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



C62306



007800



0080C0



8442CC

Rectangle

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



C62306



796500



0080C0



006FF0

Sweetspot

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



C62306



FFC0B5



C606A9



805A53



000000



808080

Same Dimension

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



C62306



FF2700



C68306



635B5A



A31900



240500

Inverse Universe

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



06A9C6



00D8FF



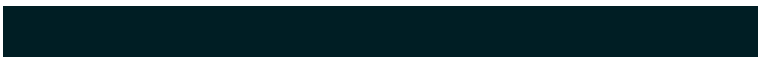
0649C6



5A6263



008BA3



001E24

Previews

White Background



This preview shows how the Hex color C62306 looks on a white background.

Color Contrast Check

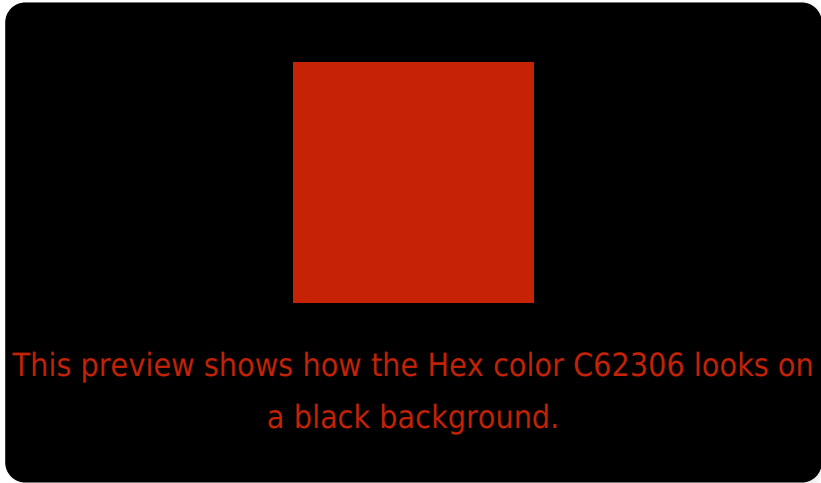
Large Text (above 18pt) WCAG AA ✓ Pass

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 C62306 Background



This preview shows how black text looks on a background with the Hex color C62306.



This preview shows how white text looks on a background with the Hex color C62306.

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

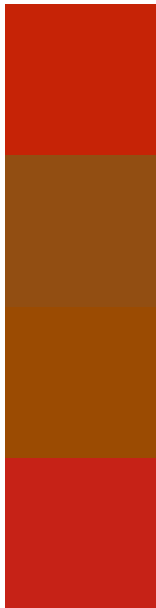


Original Color
C62306

Protanopia
746719

Deuteranopia
826200

Trichromacy



Original Color
C62306

Protanomaly
924E12

Deuteranomaly
9B4B02

Tritanomaly
C62217

Monochromacy



Original Color
C62306

Achromatopsia
505050

Achromatomaly
7B4035

CSS Examples

Text

The CSS property to change the color of the text to Hex C62306 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 #C62306 looks like.

```
.text, #text, p{  
    color:#C62306  
}
```

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 #C62306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62306
}
```

Border

The CSS property to change the border of an element to Hex C62306 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
#C62306 }
```

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

```
.border{ border-color:#C62306 }
```

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

Here you see how a box with a 4 pixel #C62306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62306; -webkit-box-shadow:4px 4px  
4px 4px #C62306; box-shadow:4px 4px 4px  
4px #C62306 }
```

Background

The CSS property to change the background color of an element to Hex C62306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62306 }
```

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

```
.background{ background-color:#C62306 }
```

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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