

Converting Colors

Hex(C35712)

Have a look what the booklet for
Hex(C35712) contains.

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Color

Hex(C35712)

Conversions

Conversions Part 1

Format	Color
Hex	C35712
RGB	195, 87, 18
RGB Percent	76%, 34%, 7%
CMY	0.2353, 0.6588, 0.9294
CMYK	0.00, 0.55, 0.91, 0.24
HSL	23°, 83%, 42%
HSV	23°, 91%, 76%
XYZ	26.0231, 18.4622, 2.7643
YIQ	111.4260, 86.5170, 1.4370

Conversions

Conversions Part 2

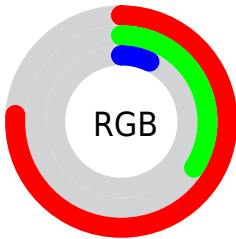
Format	Color
RYB	195, 131, 18
Decimal	12801810
CIELab	50.05, 39.96, 55.10
CIELCh	50, 68.069, 54.047
Yxy	18.4622, 0.5508, 0.3907
Android (android.graphics.Color)	4290991890 (0xFFC35712)
YUV	111.4260, -46.0590, 73.2944
Hunter-Lab	42.9676, 32.9140, 26.2630

Details

The Hex color **C35712** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **127EC3**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8B47**, and **862400** is the 20% darker color. If you saturate the color by 10%, you get **C34C00**, and if you desaturate by 10%, it is **C36325**.

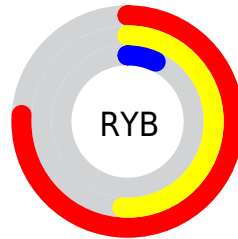
Distribution



Red (76%)

Green (34%)

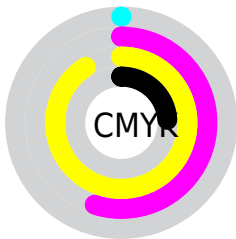
Blue (7%)



Red (76%)

Yellow (51%)

Blue (7%)

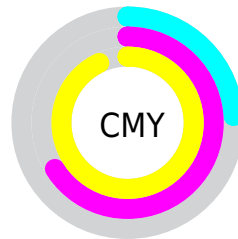


Cyan (0%)

Magenta (55%)

Yellow (91%)

Black (24%)



Cyan (24%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C35712 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 C35712 by changing the saturation by 10% instead.

 C35712

 C35712

FFFFFF

 A43E00

 FF8B47

 862400

 FFA660

 680500

 FFC27A

 4B0000

 FFDF95

 320002

 FFFBB0

 000000

 FFFFCC

 FFFFEE9

 C35712

 C35712

 C34C00

 C36325

 C36F39

 C37B4C

 C38760

 C39273

 C39E87

 C3AA9B

 C3B6AE

 C3C2C1

Harmonies

Analogous

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



DA3A4C



C35712



9A7100

Triad

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



C35712



009069



586DE2

Complementary

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



C35712



127EC3

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.



0082EB



C35712



0091A5

Square

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



C35712



008B2C



008DD5



B04FBC

Rectangle

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



C35712



777D00



008DD5



0075E9

Sweetspot

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



C35712



FCD3B8



C3127F



806757



000000



808080

Same Dimension

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



C35712



FC6200



C3AE12



615B57



A13F00



210D00

Inverse Universe

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



127EC3



009AFC



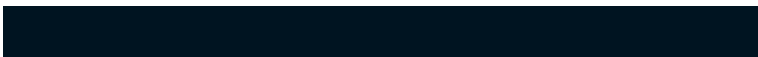
1227C3



575D61



0062A1



001421

Previews

White Background



This preview shows how the Hex color C35712 looks on a white background.

Color Contrast Check

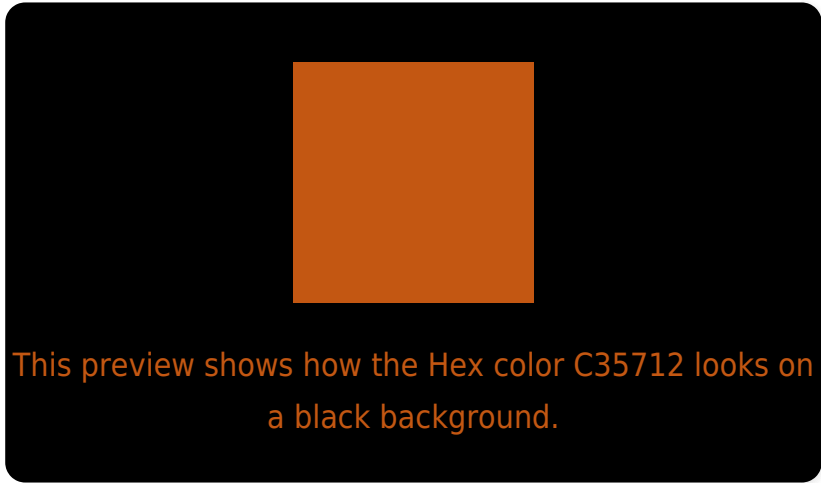
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex C35712 Background



This preview shows how black text looks on a background with the Hex color C35712.

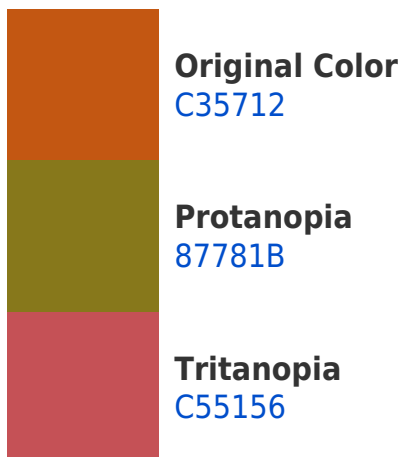


This preview shows how white text looks on a background with the Hex color C35712.

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



Trichromacy



Original Color
C35712

Protanomaly
9D6C18

Tritanomaly
C4533D

Monochromacy



Original Color
C35712

Achromatopsia
6F6F6F

Achromatomaly
8E664D

CSS Examples

Text

The CSS property to change the color of the text to Hex C35712 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 #C35712 looks like.

```
.text, #text, p{  
    color:#C35712  
}
```

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 #C35712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35712
}
```

Border

The CSS property to change the border of an element to Hex C35712 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
#C35712 }
```

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

```
.border{ border-color:#C35712 }
```

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

Here you see how a box with a 4 pixel #C35712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35712; -webkit-box-shadow:4px 4px  
4px 4px #C35712; box-shadow:4px 4px 4px  
4px #C35712 }
```

Background

The CSS property to change the background color of an element to Hex C35712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35712 }
```

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

```
.background{ background-color:#C35712 }
```

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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