

Converting Colors

Hex(C45414)

Have a look what the booklet for
Hex(C45414) contains.

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Color

Hex(C45414)

Conversions

Conversions Part 1

Format	Color
Hex	C45414
RGB	196, 84, 20
RGB Percent	77%, 33%, 8%
CMY	0.2314, 0.6706, 0.9216
CMYK	0.00, 0.57, 0.90, 0.23
HSL	22°, 81%, 42%
HSV	22°, 90%, 77%
XYZ	26.0615, 18.1269, 2.7871
YIQ	110.1920, 87.2960, 3.8400

Conversions

Conversions Part 2

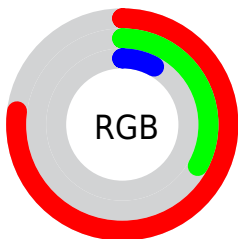
Format	Color
RYB	196, 121, 20
Decimal	12866580
CIELab	49.65, 41.86, 54.25
CIElCh	50, 68.519, 52.345
Yxy	18.1269, 0.5548, 0.3859
Android (android.graphics.Color)	4291056660 (0xFFC45414)
YUV	110.1920, -44.4647, 75.2536
Hunter-Lab	42.5757, 34.7563, 25.9218

Details

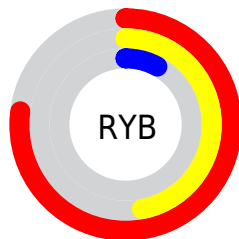
The Hex color **C45414** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1484C4**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8848**, and **872000** is the 20% darker color. If you saturate the color by 10%, you get **C44800**, and if you desaturate by 10%, it is **C46028**.

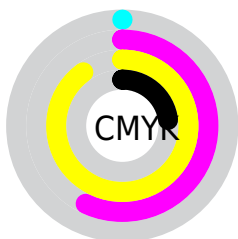
Distribution



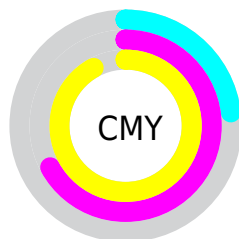
- Red (77%)
- Green (33%)
- Blue (8%)



- Red (77%)
- Yellow (47%)
- Blue (8%)



- Cyan (0%)
- Magenta (57%)
- Yellow (90%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45414 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 C45414 by changing the saturation by 10% instead.

 C45414

 C45414

FFFFFF

 A53A00

 FF8848

 872000

 FFA461

 680000

 FFBF7B

 4B0000

 FFDC96

 320002

 FFF9B1

 000000

 FFFFCD

 FFFFEA

 C45414

 C45414

 C44800

 C46028

 C44700

 C46D3B

 C4794F

 C48662

 C49276

 C49F8A

 C4AB9D

 C4B8B1

 C4C4C4

Harmonies

Analogous

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



DA374E



C45414



9B6E00

Triad

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



C45414



008F65



4D6DE3

Complementary

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



C45414



1484C4

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.



0082EA



C45414



0090A1

Square

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



C45414



008A27



008CD2



AC4FBE

Rectangle

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



C45414



797B00



008CD2



0075E9

Sweetspot

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



C45414



FFD3BA



C41486



806657



000000



808080

Same Dimension

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



C45414



FF5D00



C4AA14



615B57



A13A00



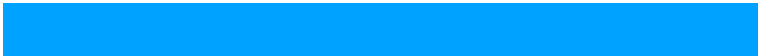
210C00

Inverse Universe

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



1484C4



00A2FF



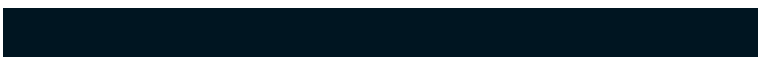
142EC4



575D61



0066A1



001521

Previews

White Background



This preview shows how the Hex color C45414 looks on a white background.

Color Contrast Check

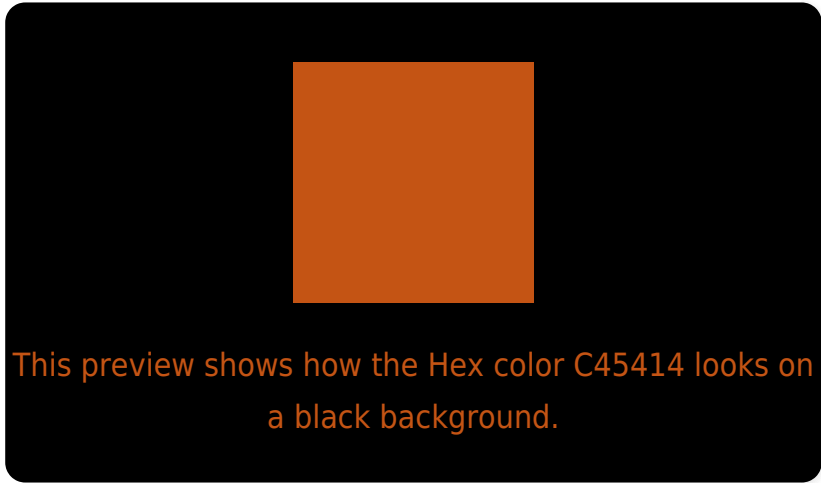
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 C45414 Background



This preview shows how black text looks on a background with the Hex color C45414.



This preview shows how white text looks on a background with the Hex color C45414.

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
C45414

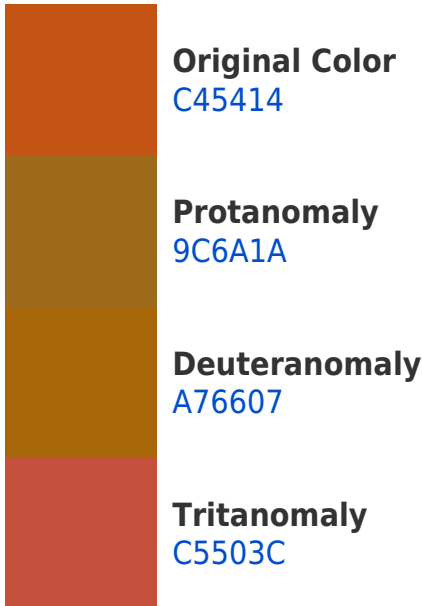
Protanopia
85771D

Deuteranopia
967100



Tritanopia
C64E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45414 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 #C45414 looks like.

```
.text, #text, p{  
    color:#C45414  
}
```

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 #C45414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45414
}
```

Border

The CSS property to change the border of an element to Hex C45414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

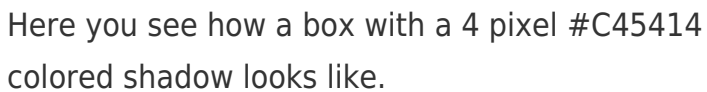
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C45414 }
```

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

```
.border{ border-color:#C45414 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C45414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45414; -webkit-box-shadow:4px 4px  
4px 4px #C45414; box-shadow:4px 4px 4px  
4px #C45414 }
```

Background

The CSS property to change the background color of an element to Hex C45414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45414 }
```

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

```
.background{ background-color:#C45414 }
```

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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