

Converting Colors

Hex(C55A24)

Have a look what the booklet for
Hex(C55A24) contains.

Hex(C55A24)	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(C55A24)

Conversions

Conversions Part 1

Format	Color
Hex	C55A24
RGB	197, 90, 36
RGB Percent	77%, 35%, 14%
CMY	0.2275, 0.6471, 0.8588
CMYK	0.00, 0.54, 0.82, 0.23
HSL	20°, 69%, 46%
HSV	20°, 82%, 77%
XYZ	27.0006, 19.3100, 3.9732
YIQ	115.8370, 81.1060, 5.8900

Conversions

Conversions Part 2

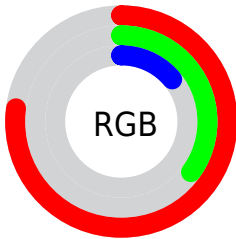
Format	Color
RYB	197, 117, 36
Decimal	12933668
CIELab	51.05, 39.69, 49.26
CIELCh	51, 63.260, 51.145
Yxy	19.3100, 0.5370, 0.3840
Android (android.graphics.Color)	4291123748 (0xFFC55A24)
YUV	115.8370, -39.3596, 71.1800
Hunter-Lab	43.9432, 32.7775, 25.3994

Details

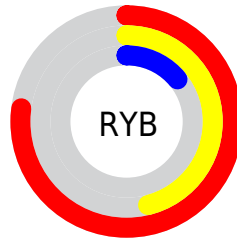
The Hex color **C55A24** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **248FC5**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8E55**, and **882700** is the 20% darker color. If you saturate the color by 10%, you get **C54D10**, and if you desaturate by 10%, it is **C56738**.

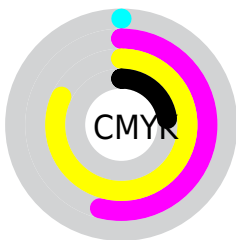
Distribution



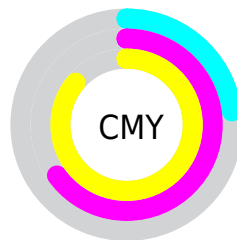
- Red (77%)
- Green (35%)
- Blue (14%)



- Red (77%)
- Yellow (46%)
- Blue (14%)



- Cyan (0%)
- Magenta (54%)
- Yellow (82%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C55A24 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 C55A24 by changing the saturation by 10% instead.

 C55A24

 C55A24

FFFFFF

 A64109

 FF8E55

 882700

 FFAA6F

 6A0900

 FFC589

 4D0000

 FFE2A4

 340001

 FFFFBF

 030000

 FFFFDB

 000000

 FFFFFF8

 C55A24

 C55A24

 C54D10

 C56738

 C54200

 C5744B

 C5815F

 C58E73

 C59B87

 C5A99A

 C5B6AE

 C5C3C2

 C5D0D5

Harmonies

Analogous

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



D84356



C55A24



A07100

Triad

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



C55A24



009167



5472DF

Complementary

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



C55A24



248FC5

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.



0085E5



C55A24



00929F

Square

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



C55A24



1E8C30



008FCD



AA58BE

Rectangle

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



C55A24



807E00



008FCD



0079E4

Sweetspot

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



C55A24



FFD5BF



C5248F



806659



000000



808080

Same Dimension

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



C55A24



FF5905



C5AA24



635D5A



A33700



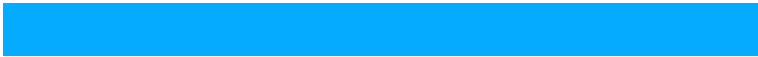
240C00

Inverse Universe

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



248FC5



05ABFF



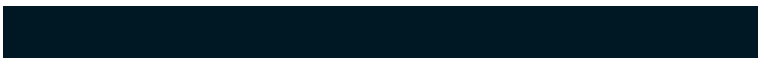
243FC5



5A6063



006CA3



001824

Previews

White Background



This preview shows how the Hex color C55A24 looks on a white background.

Color Contrast Check

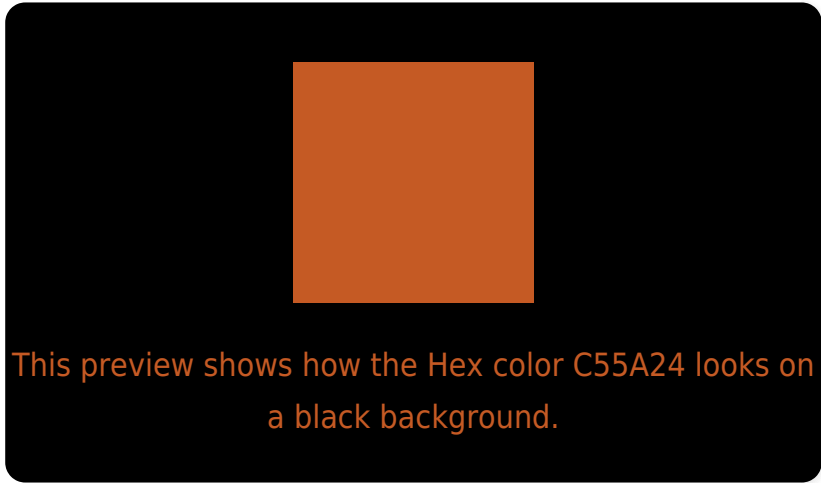
Large Text (above 18pt) WCAG AA ✓ Pass

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 C55A24 Background



This preview shows how black text looks on a background with the Hex color C55A24.



This preview shows how white text looks on a background with the Hex color C55A24.

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
C55A24

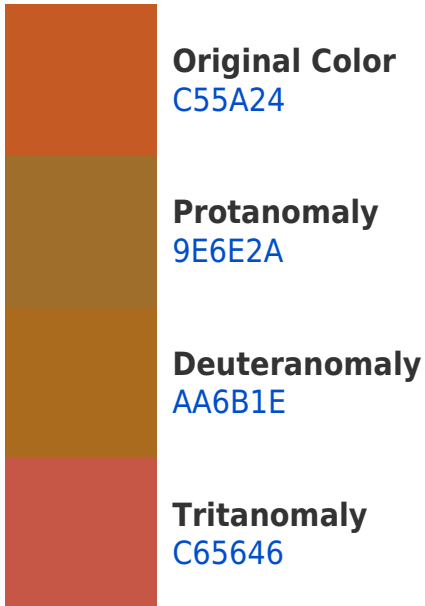
Protanopia
887A2D

Deuteranopia
9A741A



Tritanopia
C7545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C55A24 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 #C55A24 looks like.

```
.text, #text, p{  
    color:#C55A24  
}
```

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 #C55A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55A24
}
```

Border

The CSS property to change the border of an element to Hex C55A24 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
#C55A24 }
```

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

```
.border{ border-color:#C55A24 }
```

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

Here you see how a box with a 4 pixel #C55A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55A24; -webkit-box-shadow:4px 4px  
4px 4px #C55A24; box-shadow:4px 4px 4px  
4px #C55A24 }
```

Background

The CSS property to change the background color of an element to Hex C55A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55A24 }
```

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

```
.background{ background-color:#C55A24 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor