

Converting Colors

Hex(C04A20)

Have a look what the booklet for
Hex(C04A20) contains.

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Color

Hex(C04A20)

Conversions

Conversions Part 1

Format	Color
Hex	C04A20
RGB	192, 74, 32
RGB Percent	75%, 29%, 13%
CMY	0.2471, 0.7098, 0.8745
CMYK	0.00, 0.61, 0.83, 0.25
HSL	16°, 71%, 44%
HSV	16°, 83%, 75%
XYZ	24.4477, 16.2083, 3.2065
YIQ	104.4940, 83.8100, 11.9540

Conversions

Conversions Part 2

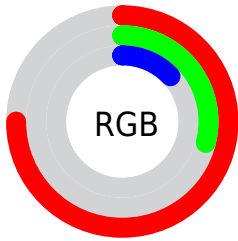
Format	Color
RYB	192, 89, 32
Decimal	12601888
CIELab	47.25, 45.37, 47.28
CIElCh	47, 65.529, 46.185
Yxy	16.2083, 0.5574, 0.3695
Android (android.graphics.Color)	4290791968 (0xFFC04A20)
YUV	104.4940, -35.7395, 76.7428
Hunter-Lab	40.2595, 37.9404, 23.4595

Details

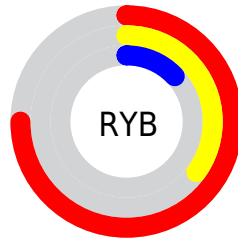
The Hex color **C04A20** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2096C0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7F50**, and **831100** is the 20% darker color. If you saturate the color by 10%, you get **C03C0D**, and if you desaturate by 10%, it is **C05833**.

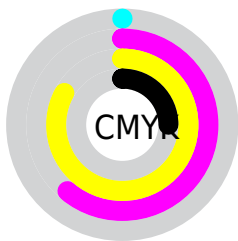
Distribution



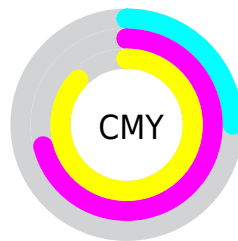
- Red (75%)
- Green (29%)
- Blue (13%)



- Red (75%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (83%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04A20 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 C04A20 by changing the saturation by 10% instead.

 C04A20

 C04A20

FFFFFF

 A12F06

 FF7F50

 831100

 FF9A69

 650000

 FFB683

 470000

 FFD29E

 2D0002

 FFEFB9

 000000

 FFFFFD5

 FFFFFF2

 C04A20

 C04A20

 C03C0D

 C05833

 C03200

 C06646

 C0745A

 C0836D

 C09180

 C09F93

 C0ADA6

 C0BBBA

 C0C9CD

Harmonies

Analogous

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



D03055



C04A20



9C6400

Triad

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



C04A20



008754



1D6DDB

Complementary

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



C04A20



2096C0

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.



007EDC



C04A20



00888D

Square

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



C04A20



218118



0086BF



9752BD

Rectangle

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



C04A20



7D7100



0086BF



0073DF

Sweetspot

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



C04A20



FACCBB



C02098



7D6157



FCFCFC



7D7D7D

Same Dimension

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



C04A20



FA4200



C09820



615A57



A12A00



210900

Inverse Universe

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



2096C0



00B8FA



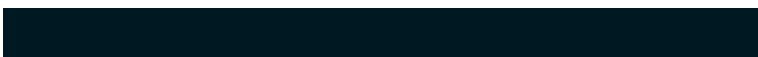
2048C0



575E61



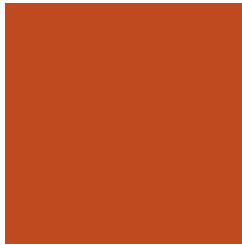
0076A1



001821

Previews

White Background



This preview shows how the Hex color C04A20 looks on a white background.

Color Contrast Check

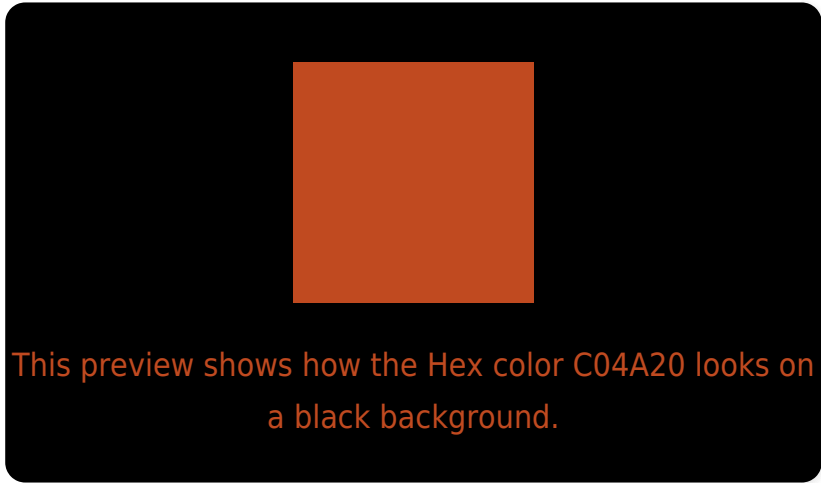
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04A20 Background



This preview shows how black text looks on a background with the Hex color C04A20.



This preview shows how white text looks on a background with the Hex color C04A20.

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
C04A20

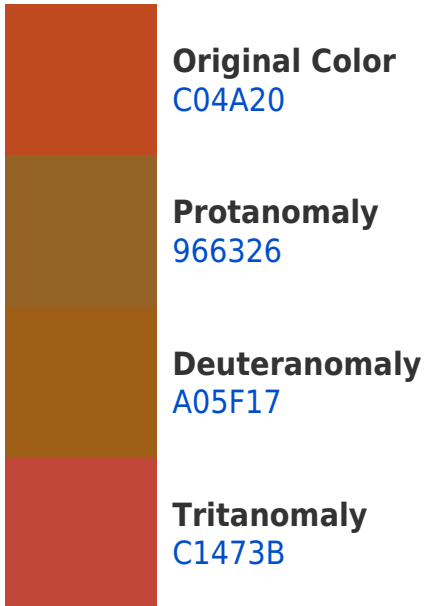
Protanopia
7E712A

Deuteranopia
8E6B12

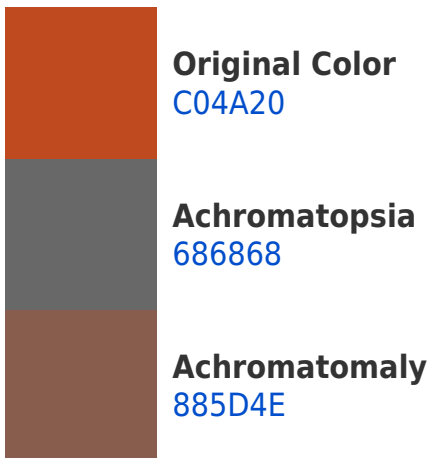


Tritanopia
C1464A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C04A20 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 #C04A20 looks like.

```
.text, #text, p{  
    color:#C04A20  
}
```

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 #C04A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04A20
}
```

Border

The CSS property to change the border of an element to Hex C04A20 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
#C04A20 }
```

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

```
.border{ border-color:#C04A20 }
```

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

Here you see how a box with a 4 pixel #C04A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04A20; -webkit-box-shadow:4px 4px  
4px 4px #C04A20; box-shadow:4px 4px 4px  
4px #C04A20 }
```

Background

The CSS property to change the background color of an element to Hex C04A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04A20 }
```

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

```
.background{ background-color:#C04A20 }
```

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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