

Converting Colors

Hex(C02626)

Have a look what the booklet for
Hex(C02626) contains.

Hex(C02626)	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(C02626)

Conversions

Conversions Part 1

Format	Color
Hex	C02626
RGB	192, 38, 38
RGB Percent	75%, 15%, 15%
CMY	0.2471, 0.8510, 0.8510
CMYK	0.00, 0.80, 0.80, 0.25
HSL	0°, 67%, 45%
HSV	0°, 80%, 75%
XYZ	22.7812, 12.7326, 3.0907
YIQ	84.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

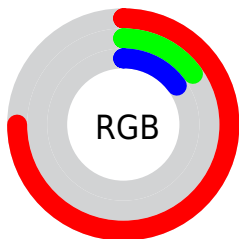
Format	Color
R_{YB}	192, 38, 38
Decimal	12592678
CIE _{Lab}	42.36, 59.05, 39.61
CIE _{LCh}	42, 71.099, 33.854
Yxy	12.7326, 0.5901, 0.3298
Android (android.graphics.Color)	4290782758 (0xFFC02626)
YUV	84.0460, -22.7007, 94.6757
Hunter-Lab	35.6828, 51.5159, 19.8426

Details

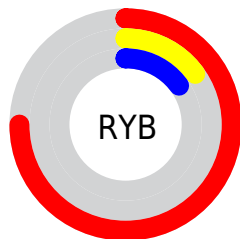
The Hex color **C02626** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **26C0C0**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6254**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C01313**, and if you desaturate by 10%, it is **C03939**.

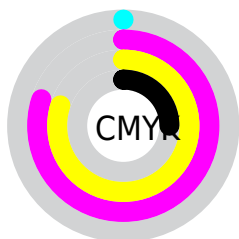
Distribution



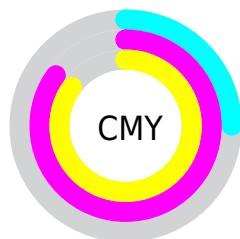
- Red (75%)
- Green (15%)
- Blue (15%)



- Red (75%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (25%)



- Cyan (25%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C02626 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 C02626 by changing the saturation by 10% instead.

 C02626

 C02626

FFFFFF

 A10010

 FF6254

 820000

 FF7E6D

 630000

 FF9B86

 460002

 FFB7A1

 270001

 FFD4BC

 000000

 FFF2D8

 FFFFF4

 C02626

 C02626

 C01313

 C03939

 C00000

 C04C4C

 C06060

 C07373

 C08686

 C09999

 C0ACAC

 C0C0C0

 C0D3D3

Harmonies

Analogous

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



C7005F



C02626



A14C00

Triad

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



C02626



00792C



006ADB

Complementary

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



C02626



26C0C0

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.



0077CE



C02626



007C6A

Square

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



C02626



347200



007CA4



6750C7

Rectangle

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



C02626



845D00



007CA4



006FDA

Sweetspot

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



C02626



FABEBE



C026C0



7D5959



FCFCFC



7D7D7D

Same Dimension

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



C02626



FA0A0A



C07326



615757



A10000



210000

Inverse Universe

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



26C0C0



0AFAFA



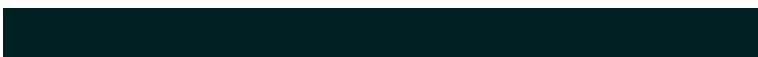
2673C0



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C02626 looks on a white background.

Color Contrast Check

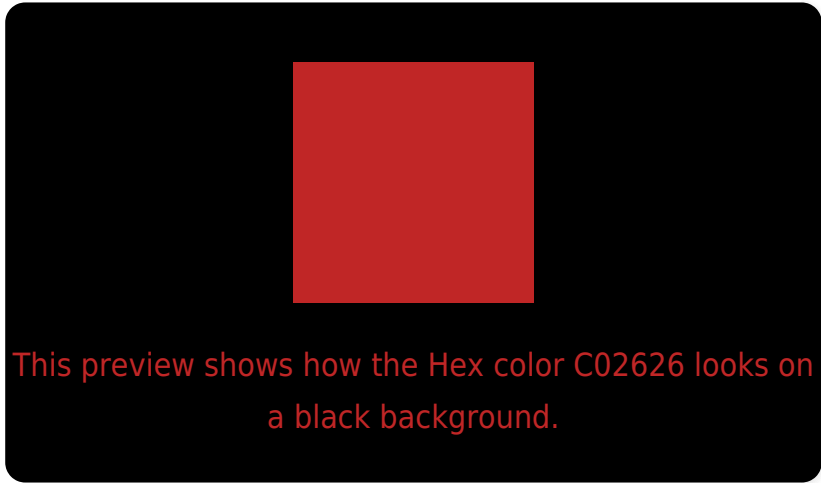
Large Text (above 18pt) WCAG AA ✓ Pass

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 C02626 Background



This preview shows how black text looks on a background with the Hex color C02626.



This preview shows how white text looks on a background with the Hex color C02626.

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
C02626

Protanopia
6F6537

Deuteranopia
7F6018

Trichromacy



Original Color
C02626

Protanomaly
8C4E31

Deuteranomaly
974B1D

Tritanomaly
C02626

Monochromacy



Original Color
C02626

Achromatopsia
545454

Achromatomaly
7B4343

CSS Examples

Text

The CSS property to change the color of the text to Hex C02626 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 #C02626 looks like.

```
.text, #text, p{  
    color:#C02626  
}
```

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 #C02626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02626
}
```

Border

The CSS property to change the border of an element to Hex C02626 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
#C02626 }
```

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

```
.border{ border-color:#C02626 }
```

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

Here you see how a box with a 4 pixel #C02626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02626; -webkit-box-shadow:4px 4px  
4px 4px #C02626; box-shadow:4px 4px 4px  
4px #C02626 }
```

Background

The CSS property to change the background color of an element to Hex C02626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02626 }
```

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

```
.background{ background-color:#C02626 }
```

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