

Converting Colors

Hex(C9642F)

Have a look what the booklet for
Hex(C9642F) contains.

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Color

Hex(C9642F)

Conversions

Conversions Part 1

Format	Color
Hex	C9642F
RGB	201, 100, 47
RGB Percent	79%, 39%, 18%
CMY	0.2118, 0.6078, 0.8157
CMYK	0.00, 0.50, 0.77, 0.21
HSL	21°, 62%, 49%
HSV	21°, 77%, 79%
XYZ	29.1577, 21.7371, 5.3482
YIQ	124.1570, 77.2090, 4.9290

Conversions

Conversions Part 2

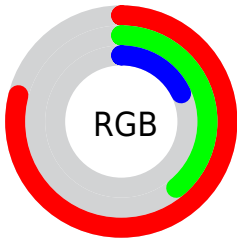
Format	Color
R_{YB}	201, 128, 47
Decimal	13198383
CIE _{Lab}	53.75, 36.58, 47.01
CIE _{LCh}	54, 59.565, 52.109
Yxy	21.7371, 0.5184, 0.3865
Android (android.graphics.Color)	4291388463 (0xFFC9642F)
YUV	124.1570, -38.0384, 67.3913
Hunter-Lab	46.6230, 30.0420, 25.8349

Details

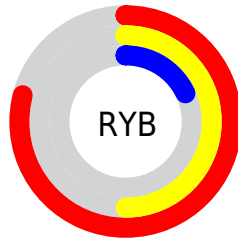
The Hex color **C9642F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2F94C9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9960**, and **8D3200** is the 20% darker color. If you saturate the color by 10%, you get **C9571B**, and if you desaturate by 10%, it is **C97143**.

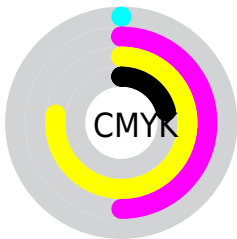
Distribution



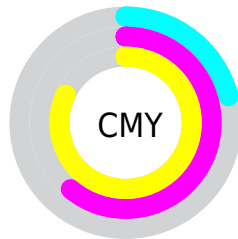
- Red (79%)
- Green (39%)
- Blue (18%)



- Red (79%)
- Yellow (50%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (21%)



- Cyan (21%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9642F 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 C9642F by changing the saturation by 10% instead.

 C9642F

 C9642F

FFFFFF

 AB4B16

 FF9960

 8D3200

 FFB47A

 6F1800

 FFD094

 520000

 FFECAF

 370000

 FFFFFCB

 150000

 FFFFFE8

 000000

 C9642F

 C9642F

 C9571B

 C97143

 C94A07

 C97E57

 C94500

 C98C6B

 C9997F

 C9A694

 C9B3A8

 C9C0BC

 C9CDD0

 C9DBE4

Harmonies

Analogous

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



DC505D



C9642F



A57904

Triad

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



C9642F



009871



6579E0

Complementary

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



C9642F



2F94C9

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.



008AE6



C9642F



0098A6

Square

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



C9642F



2F933D



0095D1



B161C0

Rectangle

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



C9642F



868500



0095D1



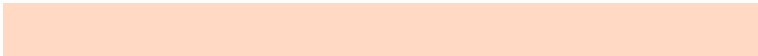
367FE5

Sweetspot

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



C9642F



FFD9C4



C92F96



80685C



000000



808080

Same Dimension

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



C9642F



FF6514



C9AF2F



635D5A



A33800



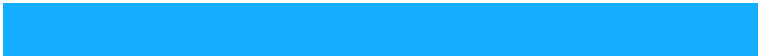
240C00

Inverse Universe

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



2F94C9



14AEFF



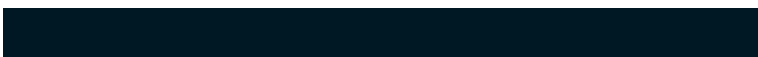
2F49C9



5A6063



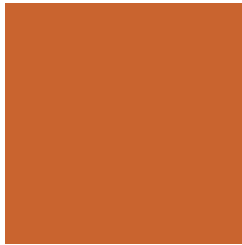
006BA3



001724

Previews

White Background



This preview shows how the Hex color C9642F 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

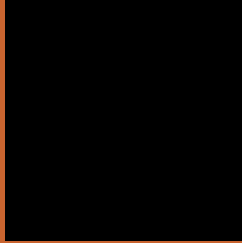
Any Text WCAG AA ✓ Pass

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 C9642F Background



This preview shows how black text looks on a background with the Hex color C9642F.



This preview shows how white text looks on a background with the Hex color C9642F.

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
C9642F

Protanopia
8F8137

Deuteranopia
A27A28

Trichromacy



Original Color
C9642F

Protanomaly
A47634

Deuteranomaly
B0722B

Tritanomaly
CA6051

Monochromacy



Original Color
C9642F

Achromatopsia
7C7C7C

Achromatomaly
987360

CSS Examples

Text

The CSS property to change the color of the text to Hex C9642F 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 #C9642F looks like.

```
.text, #text, p{  
    color:#C9642F  
}
```

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 #C9642F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9642F
}
```

Border

The CSS property to change the border of an element to Hex C9642F 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
#C9642F }
```

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

```
.border{ border-color:#C9642F }
```

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

Here you see how a box with a 4 pixel #C9642F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9642F; -webkit-box-shadow:4px 4px  
4px 4px #C9642F; box-shadow:4px 4px 4px  
4px #C9642F }
```

Background

The CSS property to change the background color of an element to Hex C9642F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9642F }
```

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

```
.background{ background-color:#C9642F }
```

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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