

# Converting Colors

Hex(C1531F)

Have a look what the booklet for  
Hex(C1531F) contains.

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**Color**

**Hex(C1531F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1531F
RGB	193, 83, 31
RGB Percent	76%, 33%, 12%
CMY	0.2431, 0.6745, 0.8784
CMYK	0.00, 0.57, 0.84, 0.24
HSL	19°, 72%, 44%
HSV	19°, 84%, 76%
XYZ	25.3329, 17.6229, 3.3627
YIQ	109.9620, 82.2520, 7.1480

# Conversions

## Conversions Part 2

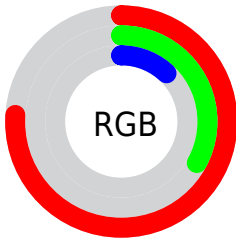
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 108, 31
Decimal	12669727
CIELab	49.04, 41.45, 49.38
CIELCh	49, 64.472, 49.991
Yxy	17.6229, 0.5469, 0.3805
Android (android.graphics.Color)	4290859807 (0xFFC1531F)
YUV	109.9620, -38.9283, 72.8243
Hunter-Lab	41.9796, 34.2527, 24.6364

# Details

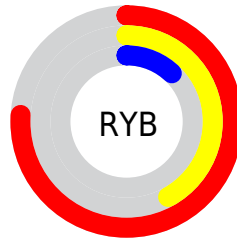
The Hex color **C1531F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1F8DC1**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF8750**, and **841F00** is the 20% darker color. If you saturate the color by 10%, you get **C1460C**, and if you desaturate by 10%, it is **C16032**.

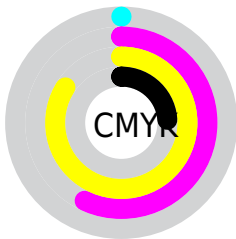
# Distribution



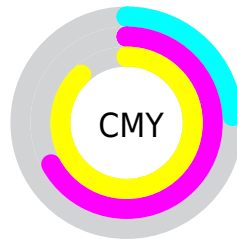
- Red (76%)
- Green (33%)
- Blue (12%)



- Red (76%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (57%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1531F 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 C1531F by changing the saturation by 10% instead.



 C1531F

 C1531F

FFFFFF

 A23903

 FF8750

 841F00

 FFA269

 660000

 FFBE83

 490000

 FFDB9E

 300002

 FFF8B9

 000000

 FFFFFD5

 FFFFFF2

 C1531F

 C1531F

 C1460C

 C16032

 C13E00

 C16D46

 C17A59

 C1876C

 C19580

 C1A293

 C1AFA6

 C1BCB9

 C1C9CD

# Harmonies

## Analogous

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



D43A53



C1531F



9C6C00

# Triad

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



C1531F



008C60



466EDC

# Complementary

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



C1531F



1F8DC1

# 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.



0080E1



C1531F



008D98

# Square

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



C1531F



178727



008AC8



A353BC

# Rectangle

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



C1531F



7C7800



008AC8



0075E1



# Sweetspot

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



C1531F



FACFBB



C11F8E



7D6357



FCFCFC



7D7D7D



# Same Dimension

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



C1531F



FA5000



C1A31F



615A57



A13400



210B00



# Inverse Universe

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



1F8DC1



00AAFA



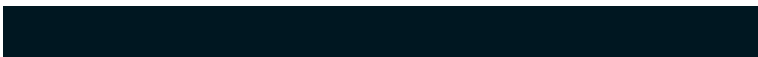
1F3DC1



575E61



006DA1



001721



# Previews

## White Background



This preview shows how the Hex color C1531F 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 C1531F Background



This preview shows how black text looks on a background with the Hex color C1531F.



This preview shows how white text looks on a background with the Hex color C1531F.

# 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**  
C1531F

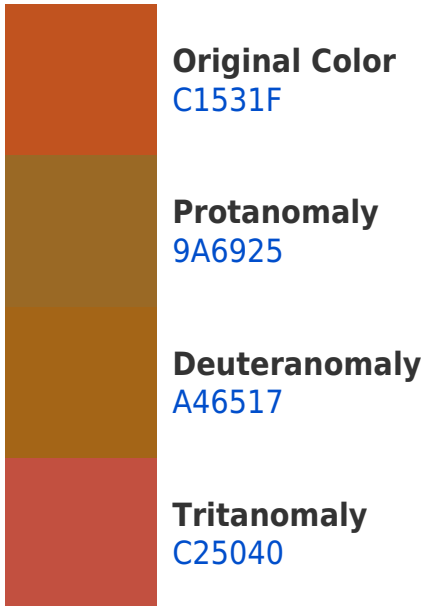
**Protanopia**  
837528

**Deuteranopia**  
946F12

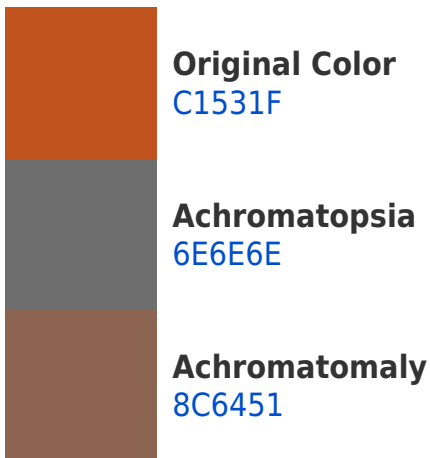


**Tritanopia**  
C34E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1531F 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 #C1531F looks like.

```
.text, #text, p{  
    color:#C1531F  
}
```

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 #C1531F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1531F
}
```

## Border

The CSS property to change the border of an element to Hex C1531F is called "border". The border property can be set on classes, ids or directly on the HTML element.

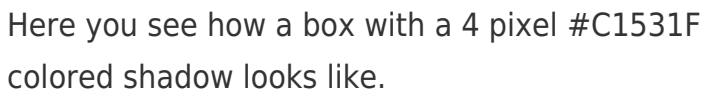
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1531F }
```

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

```
.border{ border-color:#C1531F }
```

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



Here you see how a box with a 4 pixel #C1531F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1531F; -webkit-box-shadow:4px 4px  
4px 4px #C1531F; box-shadow:4px 4px 4px  
4px #C1531F }
```

# Background

The CSS property to change the background color of an element to Hex C1531F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1531F }
```

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

```
.background{ background-color:#C1531F }
```

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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