

# Converting Colors

Hex(C13127)

Have a look what the booklet for  
Hex(C13127) contains.

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**Color**

**Hex(C13127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13127
RGB	193, 49, 39
RGB Percent	76%, 19%, 15%
CMY	0.2431, 0.8078, 0.8471
CMYK	0.00, 0.75, 0.80, 0.24
HSL	4°, 66%, 45%
HSV	4°, 80%, 76%
XYZ	23.4568, 13.6806, 3.3238
YIQ	90.9160, 89.0340, 27.4180

# Conversions

## Conversions Part 2

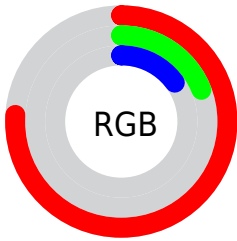
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 50, 39
Decimal	12661031
CIE <sub>Lab</sub>	43.77, 55.99, 40.55
CIE <sub>LCh</sub>	44, 69.132, 35.911
Yxy	13.6806, 0.5797, 0.3381
Android (android.graphics.Color)	4290851111 (0xFFC13127)
YUV	90.9160, -25.5946, 89.5277
Hunter-Lab	36.9872, 48.4747, 20.5631

# Details

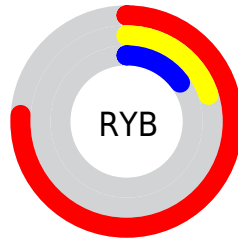
The Hex color **C13127** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27B7C1**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6A56**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C11F14**, and if you desaturate by 10%, it is **C1433A**.

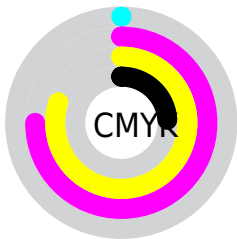
# Distribution



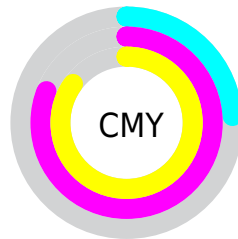
- Red (76%)
- Green (19%)
- Blue (15%)



- Red (76%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (81%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13127 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 C13127 by changing the saturation by 10% instead.



 C13127

 C13127

FFFFFF

 A20911

 FF6A56

 830000

 FF866E

 640000

 FFA288

 470001

 FFBEA2

 2A0001

 FFDBBE

 000000

 FFF9DA

 FFFFF6

 C13127

 C13127

 C11F14

 C1433A

 C10D00

 C1554E

 C16761

 C17974

 C18B88

 C19D9B

 C1AFAE

 C1C1C1

 C1D3D5

# Harmonies

## Analogous

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



C9115F



C13127



A25200

# Triad

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



C13127



007D35



006CDB

# Complementary

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



C13127



27B7C1

# 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.



007AD1



C13127



008072

# Square

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



C13127



347600



007FAA



7352C6

# Rectangle

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



C13127



856300



007FAA



0071DB



# Sweetspot

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



C13127



FAC2BE



C127B9



7D5B59



FCFCFC



7D7D7D



# Same Dimension

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



C13127



FA1A0A



C17C27



615857



A10A00



210200



# Inverse Universe

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



27B7C1



0AEAFA



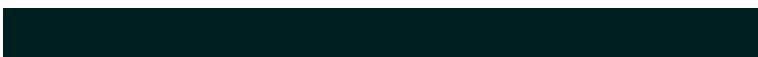
276CC1



576061



0096A1



001F21



# Previews

## White Background



This preview shows how the Hex color C13127 looks on a white background.

## Color Contrast Check

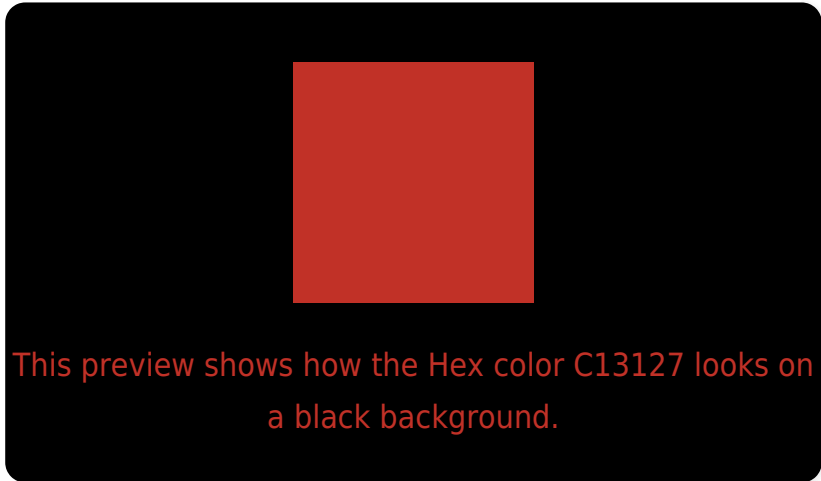
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13127 Background



This preview shows how black text looks on a background with the Hex color C13127.



This preview shows how white text looks on a background with the Hex color C13127.

# 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**  
C13127

**Protanopia**  
736837

**Deuteranopia**  
83631B



**Tritanopia**  
C13031

# Trichromacy



**Original Color**  
C13127

**Protanomaly**  
8F5431

**Deuteranomaly**  
9A511F

**Tritanomaly**  
C1302D

# Monochromacy



**Original Color**  
C13127

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
804C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13127 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 #C13127 looks like.

```
.text, #text, p{  
    color:#C13127  
}
```

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 #C13127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13127
}
```

## Border

The CSS property to change the border of an element to Hex C13127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

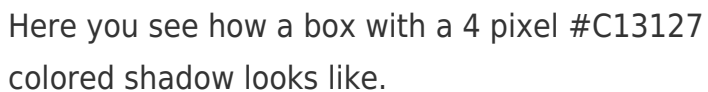
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13127 }
```

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

```
.border{ border-color:#C13127 }
```

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



Here you see how a box with a 4 pixel `#C13127` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13127; -webkit-box-shadow:4px 4px  
4px 4px #C13127; box-shadow:4px 4px 4px  
4px #C13127 }
```

# Background

The CSS property to change the background color of an element to Hex C13127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13127 }
```

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

```
.background{ background-color:#C13127 }
```

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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