

# Converting Colors

Decimal(13061178)

Have a look what the booklet for  
Decimal(13061178) contains.

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# Color

**Decimal(13061178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74C3A
RGB	199, 76, 58
RGB Percent	78%, 30%, 23%
CMY	0.2196, 0.7020, 0.7725
CMYK	0.00, 0.62, 0.71, 0.22
HSL	8°, 56%, 50%
HSV	8°, 71%, 78%
XYZ	26.9014, 17.6165, 5.9855
YIQ	110.7250, 79.0860, 20.4780

# Conversions

## Conversions Part 2

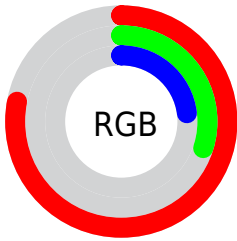
Format	Color
<b>RYB</b>	199, 79, 58
Decimal	13061178
CIELab	49.03, 47.99, 36.07
CIElCh	49, 60.036, 36.929
Yxy	17.6165, 0.5327, 0.3488
Android (android.graphics.Color)	4291251258 (0xFFC74C3A)
YUV	110.7250, -25.9934, 77.4172
Hunter-Lab	41.9720, 40.9560, 20.9253

# Details

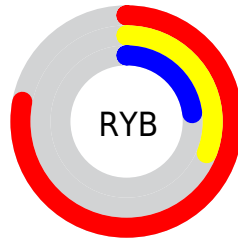
The Decimal color **13061178** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3847623**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16745066**, and **9048334** is the 20% darker color. If you saturate the color by 10%, you get **13056806**, and if you desaturate by 10%, it is **13065550**.

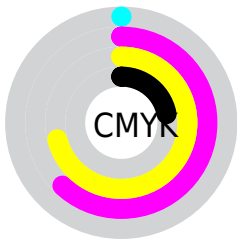
# Distribution



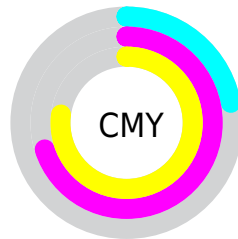
- Red (78%)
- Green (30%)
- Blue (23%)



- Red (78%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (22%)





















- Cyan (22%)
- Magenta (70%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13061178 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 Decimal color 13061178 by changing the saturation by 10% instead.



 13061178	 13061178
 16745066	 9048334
 16752003	 7143424
 16759198	 5177344
 16766393	 3473410
 16773845	 131072
 16777201	 0
 13061178	 13061178
 13056806	 13065550

 13052178

 13070178

 13048064

 13074550

 13078922

 13083550

 13087921

 13092549

 13096921

 13101293

# Harmonies

## Analogous

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



13516395



13061178



11232008

# Triad

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



13061178



35146



30682

# Complementary

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



13061178



3847623

# 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.



34002



13061178



35967

# Square

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



13061178



4948502



35761



8675783

# Rectangle

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



13061178



9531392



35761



31963



# Sweetspot

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



13061178



16765129



13056695



8414304



0



8421504



# Same Dimension

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



13061178



16728614



13078842



6511450



10687744



2360576

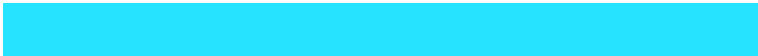


# Inverse Universe

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



3847623



2548735



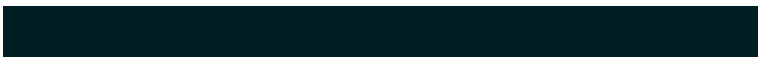
3829959



5923427



36515

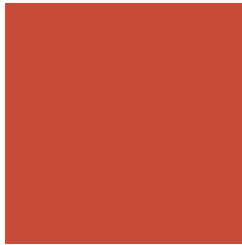


7972



# Previews

## White Background



This preview shows how the Decimal color 13061178 looks on a white background.

## Color Contrast Check

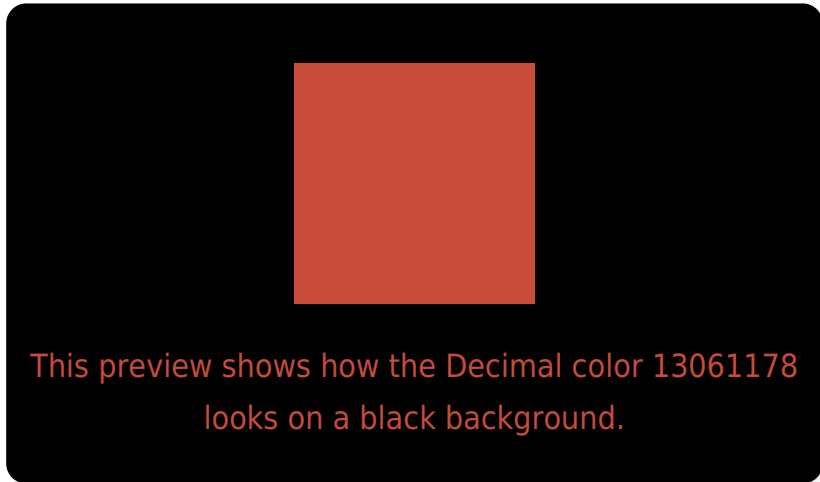
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13061178 Background



This preview shows how black text looks on a background with the Decimal color 13061178.



This preview shows how white text looks on a background with the Decimal color 13061178.

# 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**  
13061178

**Protanopia**  
8418632

**Deuteranopia**  
9531187



**Tritanopia**  
13125966

# Trichromacy



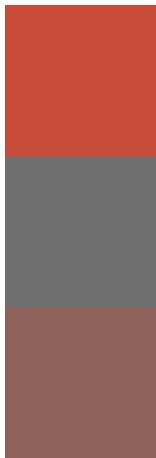
**Original Color**  
13061178

**Protanomaly**  
10118723

**Deuteranomaly**  
10838582

**Tritanomaly**  
13126215

# Monochromacy



**Original Color**  
13061178

**Achromatopsia**  
7303023

**Achromatomaly**  
9396828

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13061178 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 #C74C3A looks like.

```
.text, #text, p{  
    color:#C74C3A  
}
```

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 #C74C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74C3A
}
```

## Border

The CSS property to change the border of an element to Decimal 13061178 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
#C74C3A }
```

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

```
.border{ border-color:#C74C3A }
```

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

Here you see how a box with a 4 pixel #C74C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74C3A; -webkit-box-shadow:4px 4px  
4px 4px #C74C3A; box-shadow:4px 4px 4px  
4px #C74C3A }
```

# Background

The CSS property to change the background color of an element to Decimal 13061178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74C3A }
```

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

```
.background{ background-color:#C74C3A }
```

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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