

# Converting Colors

Decimal(13127259)

Have a look what the booklet for  
Decimal(13127259) contains.

<b>Decimal(13127259)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(13127259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C84E5B
RGB	200, 78, 91
RGB Percent	78%, 31%, 36%
CMY	0.2157, 0.6941, 0.6431
CMYK	0.00, 0.61, 0.54, 0.22
HSL	354°, 53%, 55%
HSV	354°, 61%, 78%
XYZ	28.4321, 18.4835, 11.9667
YIQ	115.9600, 68.5390, 29.9070

# Conversions

## Conversions Part 2

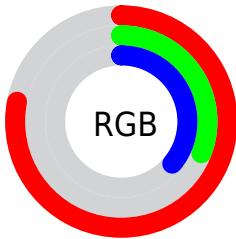
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 78, 91
Decimal	13127259
CIELab	50.08, 49.58, 18.13
CIELCh	50, 52.789, 20.082
Yxy	18.4835, 0.4829, 0.3139
Android (android.graphics.Color)	4291317339 (0xFFC84E5B)
YUV	115.9600, -12.3053, 73.7031
Hunter-Lab	42.9924, 42.8106, 13.5917

# Details

The Decimal color **13127259** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **5163195**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16745613**, and **9245230** is the 20% darker color. If you saturate the color by 10%, you get **13122121**, and if you desaturate by 10%, it is **13132397**.

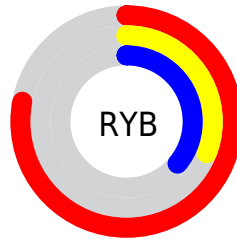
# Distribution



Red (78%)

Green (31%)

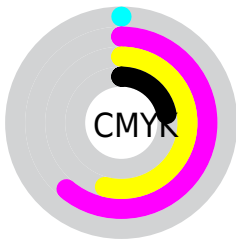
Blue (36%)



Red (78%)

Yellow (31%)

Blue (36%)

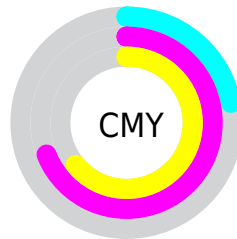


Cyan (0%)

Magenta (61%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (69%)


Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13127259 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 13127259 by changing the saturation by 10% instead.



 13127259

 13127259

16777215

 11154244

 16745613

 9245230

 16752807

 7340057

 16760003

 5439488


 16767198

 3735554


 16774651

 1048576


 0


 13127259


 13127259

 13122121


 13132397

 13116983


 13137535

 13111845


 13142673


 13107221

 13147810

 13152948

 13158086

 13163224

 13168362

 13172732

# Harmonies

## Analogous

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



12668552



13127259



12148019

# Triad

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



13127259



3770170



33232

# Complementary

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



13127259



5163195

# 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.



35259



13127259



35942

# Square

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



13127259



7437847



35989



5992908

# Rectangle

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



13127259



10906141



35989



33995



# Sweetspot

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



13127259



16765398



12209864



8414054



0



8421504



# Same Dimension

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



13127259



16729433



13139278



6511195



10682385



2359300



# Inverse Universe

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



13127259



16729433



5151176



6511195



10682385



2359300



# Previews

## White Background



This preview shows how the Decimal color 13127259 looks on a white background.

## Color Contrast Check

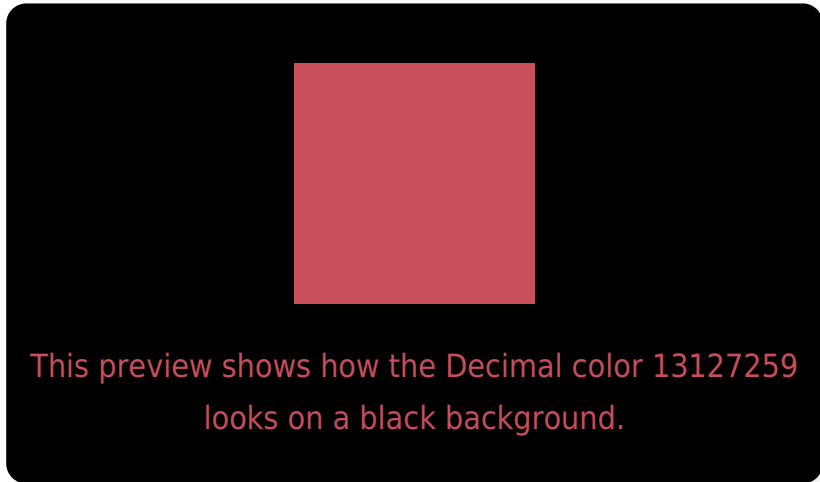
Large Text (above 18pt) WCAG AA ✓ Pass

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

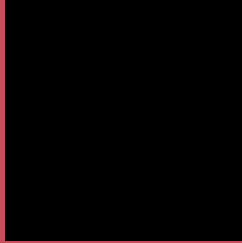
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13127259 Background



This preview shows how black text looks on a background with the Decimal color 13127259.

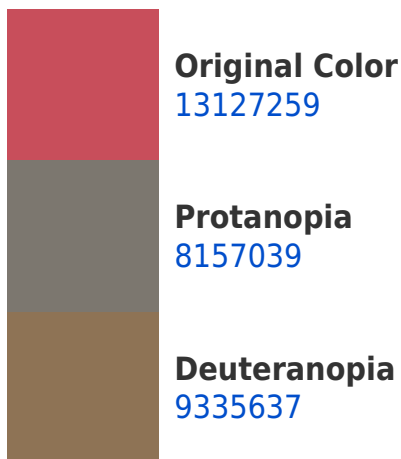



This preview shows how white text looks on a background with the Decimal color 13127259.

# 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





**Tritanopia**  
13127508

# Trichromacy



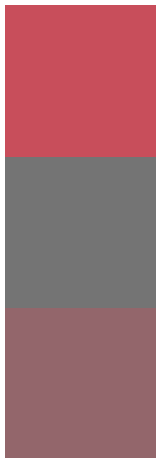
**Original Color**  
13127259

**Protanomaly**  
9988200

**Deuteranomaly**  
10708567

**Tritanomaly**  
13127511

# Monochromacy



**Original Color**  
13127259

**Achromatopsia**  
7631988

**Achromatomaly**  
9660011

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13127259 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 #C84E5B looks like.

```
.text, #text, p{  
    color:#C84E5B  
}
```

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 #C84E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84E5B
}
```

## Border

The CSS property to change the border of an element to Decimal 13127259 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
#C84E5B }
```

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

```
.border{ border-color:#C84E5B }
```

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

Here you see how a box with a 4 pixel #C84E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84E5B; -webkit-box-shadow:4px 4px  
4px 4px #C84E5B; box-shadow:4px 4px 4px  
4px #C84E5B }
```

# Background

The CSS property to change the background color of an element to Decimal 13127259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84E5B }
```

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

```
.background{ background-color:#C84E5B }
```

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