

# Converting Colors

Decimal(13379632)

Have a look what the booklet for  
Decimal(13379632) contains.

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# Color

**Decimal(13379632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2830
RGB	204, 40, 48
RGB Percent	80%, 16%, 19%
CMY	0.2000, 0.8431, 0.8118
CMYK	0.00, 0.80, 0.76, 0.20
HSL	357°, 67%, 48%
HSV	357°, 80%, 80%
XYZ	26.1941, 14.5684, 4.2277
YIQ	89.9480, 95.1760, 37.2560

# Conversions

## Conversions Part 2

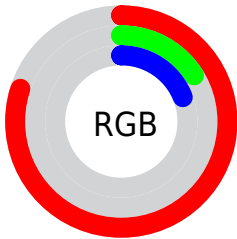
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 40, 48</a>
Decimal	<a href="#">13379632</a>
CIELab	<a href="#">45.04, 62.29, 37.51</a>
CIELCh	<a href="#">45, 72.713, 31.058</a>
Yxy	<a href="#">14.5684, 0.5822, 0.3238</a>
Android (android.graphics.Color)	<a href="#">4291569712</a> ( <a href="#">0xFFCC2830</a> )
YUV	<a href="#">89.9480, -20.6804, 100.0236</a>
Hunter-Lab	<a href="#">38.1685, 55.7054, 20.1508</a>

# Details

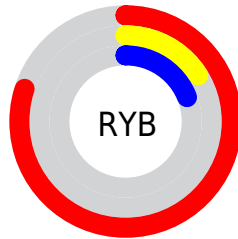
The Decimal color **13379632** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2673860**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16737887**, and **9240579** is the 20% darker color. If you saturate the color by 10%, you get **13374493**, and if you desaturate by 10%, it is **13384771**.

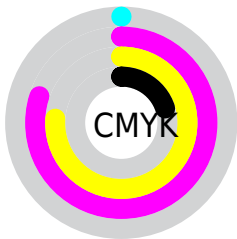
# Distribution



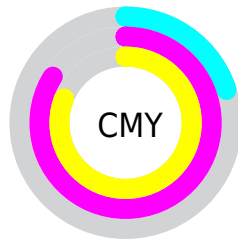
- Red (80%)
- Green (16%)
- Blue (19%)



- Red (80%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13379632 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 13379632 by changing the saturation by 10% instead.



 13379632  13379632

16777215  11272219

 16737887  9240579

 16745080  7208960

 16752529  5242881

 16759980  3342338

 16767431  0

 16774884

 13379632  13379632

 13374493  13384771

13369354

13390167

13395306

13400702

13405841

13410980

13416376

13421515

13426911

# Harmonies

## Analogous

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



13632107



13379632



11423488

# Triad

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



13379632



32810



29414

# Complementary

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



13379632



2673860

# 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.



32725



13379632



33899

# Square

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



13379632



4290560



33960



6576596

# Rectangle

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



13379632



9527808



33960



30948



# Sweetspot

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



13379632



16761541



12855500



8411996



0



8421504



# Same Dimension

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



13379632



16714262



13398568



6708316



10878984



2490370



# Inverse Universe

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



13379632



16714262



2654924



6708316



10878984



2490370



# Previews

## White Background



This preview shows how the Decimal color 13379632 looks on a white background.

## Color Contrast Check

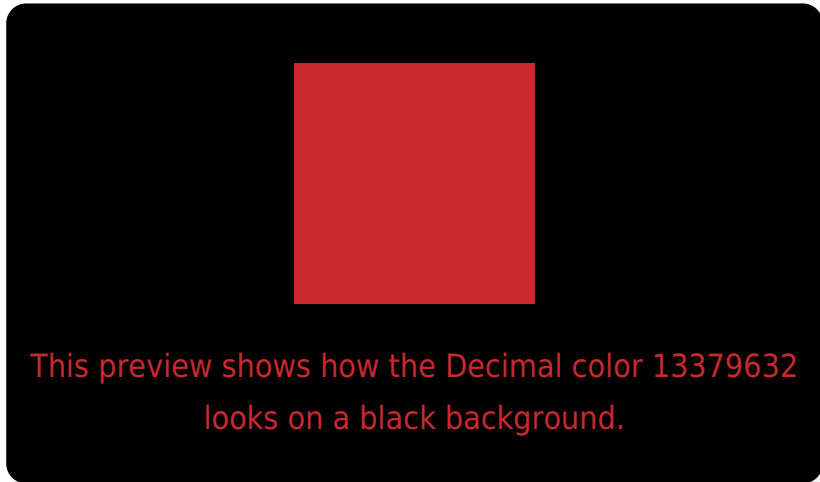
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13379632 Background



This preview shows how black text looks on a background with the Decimal color 13379632.



This preview shows how white text looks on a background with the Decimal color 13379632.

# 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**  
13379632

**Protanopia**  
7695428

**Deuteranopia**  
8807972



**Tritanopia**  
13379881

# Trichromacy



**Original Color**  
13379632

**Protanomaly**  
9786173

**Deuteranomaly**  
10440488

**Tritanomaly**  
13379884

# Monochromacy



**Original Color**  
13379632

**Achromatopsia**  
5921370

**Achromatomaly**  
8603723

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13379632 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 #CC2830 looks like.

```
.text, #text, p{  
  color:#CC2830  
}
```

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 #CC2830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2830
}
```

## Border

The CSS property to change the border of an element to Decimal 13379632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

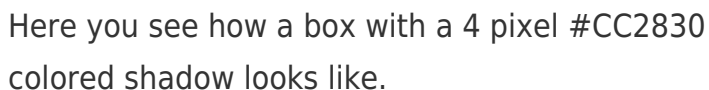
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC2830 }
```

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

```
.border{ border-color:#CC2830 }
```

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



Here you see how a box with a 4 pixel `#CC2830` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2830; -webkit-box-shadow:4px 4px  
4px 4px #CC2830; box-shadow:4px 4px 4px  
4px #CC2830 }
```

# Background

The CSS property to change the background color of an element to Decimal 13379632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2830 }
```

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

```
.background{ background-color:#CC2830 }
```

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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