

# Converting Colors

Decimal(13710390)

Have a look what the booklet for  
Decimal(13710390) contains.

<b>Decimal(13710390)</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(13710390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D13436
RGB	209, 52, 54
RGB Percent	82%, 20%, 21%
CMY	0.1804, 0.7961, 0.7882
CMYK	0.00, 0.75, 0.74, 0.18
HSL	359°, 63%, 51%
HSV	359°, 75%, 82%
XYZ	28.1883, 16.2776, 5.1462
YIQ	99.1710, 92.9300, 33.9060

# Conversions

## Conversions Part 2

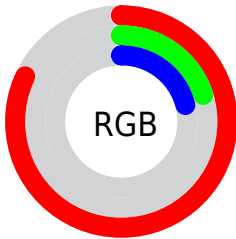
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 52, 54</a>
Decimal	<a href="#">13710390</a>
CIELab	<a href="#">47.34, 60.43, 36.89</a>
CIElCh	<a href="#">47, 70.804, 31.400</a>
Yxy	<a href="#">16.2776, 0.5682, 0.3281</a>
Android (android.graphics.Color)	<a href="#">4291900470</a> ( <a href="#">0xFFD13436</a> )
YUV	<a href="#">99.1710, -22.2693, 96.3200</a>
Hunter-Lab	<a href="#">40.3456, 54.1084, 20.6792</a>

# Details

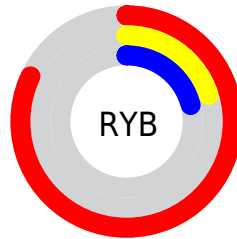
The Decimal color **13710390** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3461583**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **16740197**, and **9568267** is the 20% darker color. If you saturate the color by 10%, you get **13704993**, and if you desaturate by 10%, it is **13715787**.

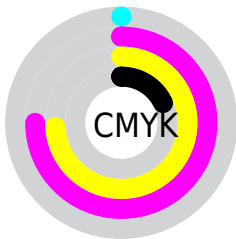
# Distribution



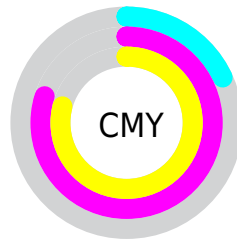
- Red (82%)
- Green (20%)
- Blue (21%)



- Red (82%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13710390 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 13710390 by changing the saturation by 10% instead.



 13710390	 13710390
 16777215	 11602464
 16740197	 9568267
 16747390	 7602176
 16754584	 5570560
 16762035	 3735554
 16769487	 983040
 16777195	 0
 13710390	 13710390
 13704993	 13715787

 13699597

 13721183

 13697027

 13726580

 13731977

 13737117

 13742514

 13747910

 13753307

 13758704

# Harmonies

## Analogous

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



13966960



13710390



11818496

# Triad

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



13710390



34354



30697

# Complementary

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



13710390



3461583

# 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.



34265



13710390



35185

# Square

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



13710390



4816384



35501



7167959

# Rectangle

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



13710390



9922560



35501



32231



# Sweetspot

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



13710390



16762053



13513937



8412252



0



8421504



# Same Dimension

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



13710390



16718108



13729844



6905438



11010050



2686977



# Inverse Universe

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



13710390



16718108



3442129



6905438



11010050



2686977



# Previews

## White Background



This preview shows how the Decimal color 13710390 looks on a white background.

## Color Contrast Check

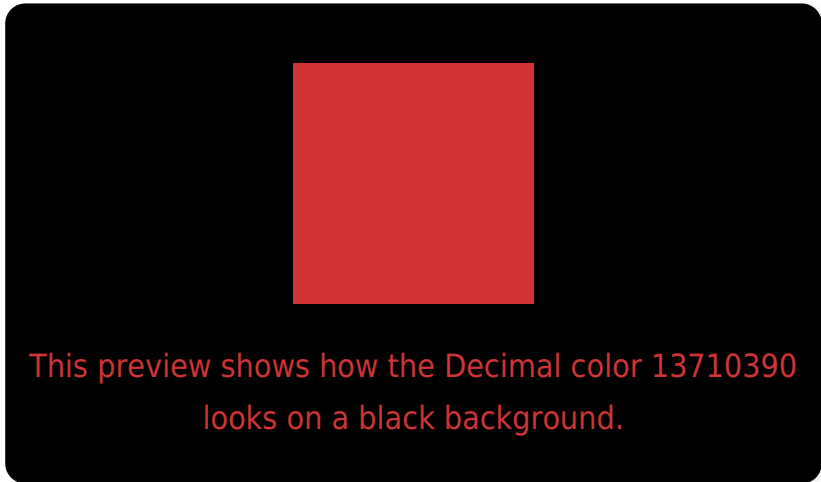
Large Text (above 18pt) WCAG AA ✓ Pass

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 13710390 Background



This preview shows how black text looks on a background with the Decimal color 13710390.

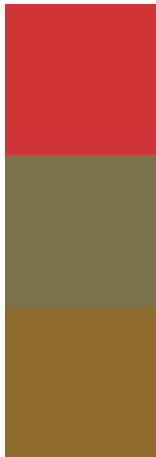


This preview shows how white text looks on a background with the Decimal color 13710390.

# 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**  
13710390

**Protanopia**  
8089930

**Deuteranopia**  
9268012



# Trichromacy



**Original Color**  
13710390

**Protanomaly**  
10115907

**Deuteranomaly**  
10901296

**Tritanomaly**  
13710390

# Monochromacy



**Original Color**  
13710390

**Achromatopsia**  
6513507

**Achromatomaly**  
9130579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13710390 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 #D13436 looks like.

```
.text, #text, p{  
  color:#D13436  
}
```

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 #D13436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13436
}
```

## Border

The CSS property to change the border of an element to Decimal 13710390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

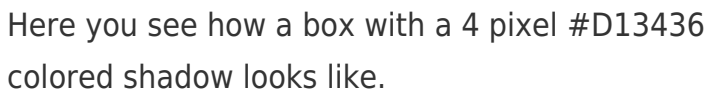
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D13436 }
```

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

```
.border{ border-color:#D13436 }
```

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



Here you see how a box with a 4 pixel #D13436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13436; -webkit-box-shadow:4px 4px  
4px 4px #D13436; box-shadow:4px 4px 4px  
4px #D13436 }
```

# Background

The CSS property to change the background color of an element to Decimal 13710390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13436 }
```

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

```
.background{ background-color:#D13436 }
```

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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