

# Converting Colors

Decimal(13252189)

Have a look what the booklet for  
Decimal(13252189) contains.

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**Color**

**Decimal(13252189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA365D
RGB	202, 54, 93
RGB Percent	79%, 21%, 36%
CMY	0.2078, 0.7882, 0.6353
CMYK	0.00, 0.73, 0.54, 0.21
HSL	344°, 58%, 50%
HSV	344°, 73%, 79%
XYZ	27.6521, 15.9852, 11.9840
YIQ	102.6980, 75.6890, 43.5050

# Conversions

## Conversions Part 2

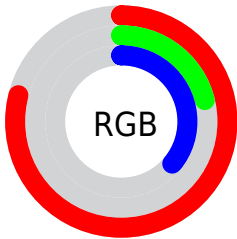
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 54, 93</a>
Decimal	<a href="#">13252189</a>
CIELab	<a href="#">46.96, 59.95, 12.70</a>
CIELCh	<a href="#">47, 61.281, 11.958</a>
Yxy	<a href="#">15.9852, 0.4971, 0.2874</a>
Android (android.graphics.Color)	<a href="#">4291442269 (0xFFCA365D)</a>
YUV	<a href="#">102.6980, -4.7811, 87.0879</a>
Hunter-Lab	<a href="#">39.9815, 53.4868, 10.2156</a>

# Details

The Decimal color **13252189** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3590819**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **16740495**, and **9306160** is the 20% darker color. If you saturate the color by 10%, you get **13247054**, and if you desaturate by 10%, it is **13257324**.

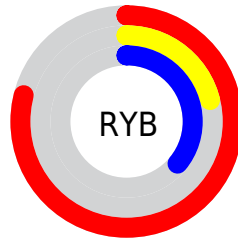
# Distribution



Red (79%)

Green (21%)

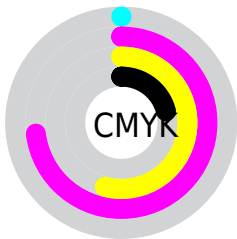
Blue (36%)



Red (79%)

Yellow (21%)

Blue (36%)

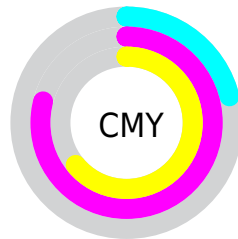


Cyan (0%)

Magenta (73%)

Yellow (54%)

Black (21%)



Cyan (21%)

Magenta (79%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13252189 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 13252189 by changing the saturation by 10% instead.



 13252189

 13252189

16777215

 11276102

 16740495

 9306160

 16747689

 7340059

 16755141

 5439488

 16762336

 3604482

 16770045

 655360

 0

 13252189

 13252189

 13247054

 13257324

 13241919

 13262459

 13238325

 13267850

 13272985

 13278119

 13283254

 13288389

 13293780

 13298915

# Harmonies

## Analogous

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



12271248



13252189



12470572

# Triad

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



13252189



3637015



32466

# Complementary

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



13252189



3590819

# 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.



34227



13252189



33869

# Square

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



13252189



7566080



34435



28629

# Rectangle

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



13252189



11229703



34435



33226



# Sweetspot

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



13252189



16762838



10696394



8412775



0



8421504



# Same Dimension

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



13252189



16719706



13261110



6708318



10879020



2490378



# Inverse Universe

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



13252189



16719706



3581898



6708318



10879020



2490378



# Previews

## White Background



This preview shows how the Decimal color 13252189 looks on a white background.

## Color Contrast Check

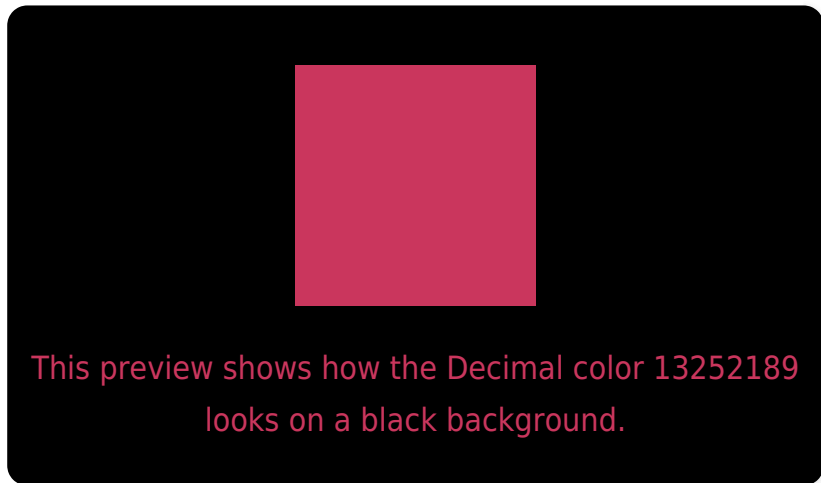
Large Text (above 18pt) WCAG AA ✓ Pass

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 13252189 Background



This preview shows how black text looks on a background with the Decimal color 13252189.



This preview shows how white text looks on a background with the Decimal color 13252189.

# 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**  
13252189

**Protanopia**  
7303034

**Deuteranopia**  
8678230



# Trichromacy



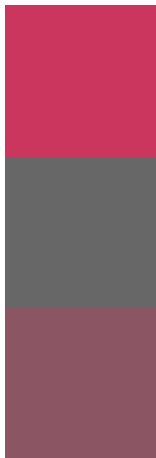
**Original Color**  
13252189

**Protanomaly**  
9460335

**Deuteranomaly**  
10311769

**Tritanomaly**  
13187658

# Monochromacy



**Original Color**  
13252189

**Achromatopsia**  
6776679

**Achromatomaly**  
9131363

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13252189 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 #CA365D looks like.

```
.text, #text, p{  
    color:#CA365D  
}
```

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 #CA365D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA365D
}
```

## Border

The CSS property to change the border of an element to Decimal 13252189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

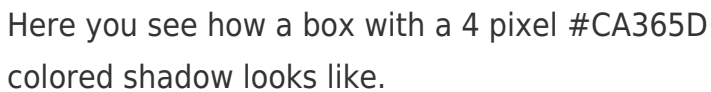
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA365D }
```

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

```
.border{ border-color:#CA365D }
```

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



Here you see how a box with a 4 pixel `#CA365D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA365D; -webkit-box-shadow:4px 4px  
4px 4px #CA365D; box-shadow:4px 4px 4px  
4px #CA365D }
```

# Background

The CSS property to change the background color of an element to Decimal 13252189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA365D }
```

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

```
.background{ background-color:#CA365D }
```

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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