

# Converting Colors

Decimal(12854606)

Have a look what the booklet for  
Decimal(12854606) contains.

<b>Decimal(12854606)</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(12854606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4254E
RGB	196, 37, 78
RGB Percent	77%, 15%, 31%
CMY	0.2314, 0.8549, 0.6941
CMYK	0.00, 0.81, 0.60, 0.23
HSL	345°, 68%, 46%
HSV	345°, 81%, 77%
XYZ	24.8017, 13.6090, 8.5273
YIQ	89.2150, 81.6030, 46.4590

# Conversions

## Conversions Part 2

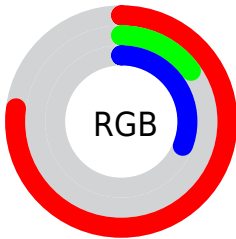
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 37, 78
Decimal	12854606
CIE Lab	43.67, 62.33, 17.31
CIE LCh	44, 64.683, 15.518
Yxy	13.6090, 0.5284, 0.2899
Android (android.graphics.Color)	4291044686 (0xFFC4254E)
YUV	89.2150, -5.5290, 93.6504
Hunter-Lab	36.8903, 55.4490, 12.1181

# Details

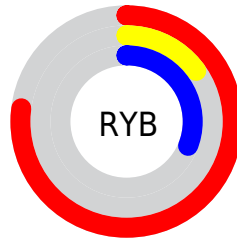
The Decimal color **12854606** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2475163**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16737151**, and **8847395** is the 20% darker color. If you saturate the color by 10%, you get **12849471**, and if you desaturate by 10%, it is **12859741**.

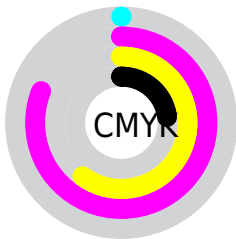
# Distribution



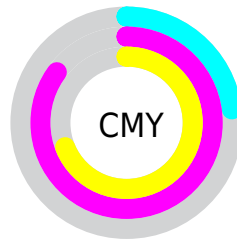
- Red (77%)
- Green (15%)
- Blue (31%)



- Red (77%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (81%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12854606 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 12854606 by changing the saturation by 10% instead.



 12854606

 12854606

16777215

 10813495

 16737151

 8847395

 16744601

 6881293

 16751795

 4980738

 16759247

 3014658

 16766699

 0

 16774399

 12854606

 12854606

 12849471

 12859741

■ 12845107

■ 12864619

■ 12869754

■ 12874632

■ 12879767

■ 12884901

■ 12889780

■ 12894914

■ 12899793

# Harmonies

## Analogous

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



12135299



12854606



11878682

# Triad

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



12854606



1669132



30160

# Complementary

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



12854606



2475163

# 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.



32179



12854606



32074

# Square

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



12854606



6581504



32642



25808

# Rectangle

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



12854606



10507008



32642



30921



# Sweetspot

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



12854606



16761554



10102212



8412004



0



8421504



# Same Dimension

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



12854606



16713799



12864037



6379354



10551337



2162697



# Inverse Universe

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



12854606



16713799



2465732



6379354



10551337



2162697



# Previews

## White Background



This preview shows how the Decimal color 12854606 looks on a white background.

## Color Contrast Check

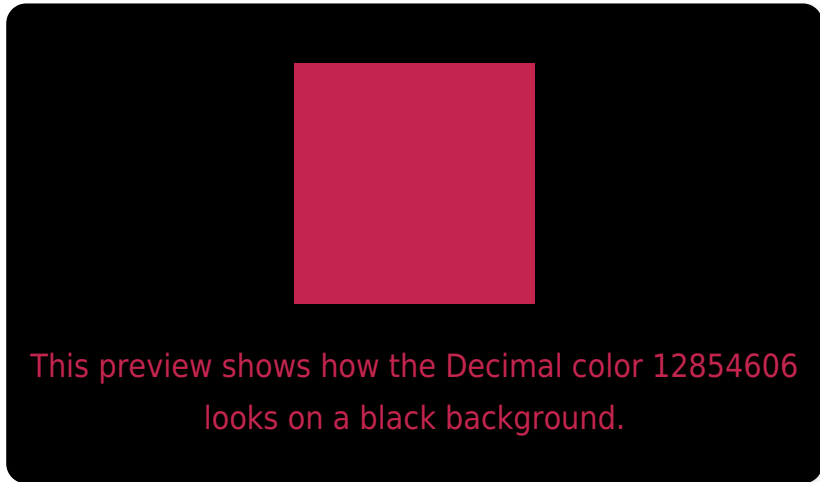
Large Text (above 18pt) WCAG AA ✓ Pass

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 12854606 Background



This preview shows how black text looks on a background with the Decimal color 12854606.

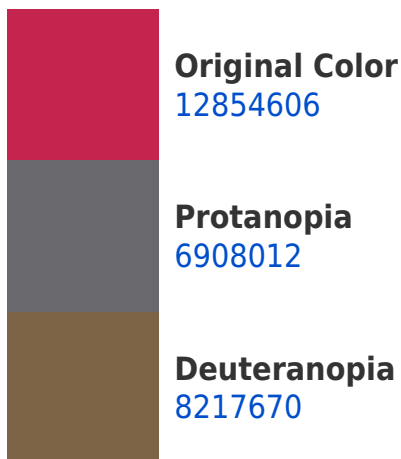


This preview shows how white text looks on a background with the Decimal color 12854606.

# Color Blindness Simulation

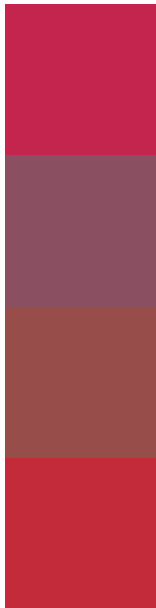
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
12854606

**Protanomaly**  
9064545

**Deuteranomaly**  
9915721

**Tritanomaly**  
12790330

# Monochromacy



**Original Color**  
12854606

**Achromatopsia**  
5855577

**Achromatomaly**  
8406613

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12854606 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 #C4254E looks like.

```
.text, #text, p{  
  color:#C4254E  
}
```

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 #C4254E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4254E
}
```

## Border

The CSS property to change the border of an element to Decimal 12854606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

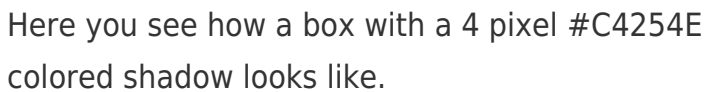
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4254E }
```

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

```
.border{ border-color:#C4254E }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#C4254E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4254E; -webkit-box-shadow:4px 4px  
4px 4px #C4254E; box-shadow:4px 4px 4px  
4px #C4254E }
```

# Background

The CSS property to change the background color of an element to Decimal 12854606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4254E }
```

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

```
.background{ background-color:#C4254E }
```

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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