

Converting Colors

Decimal(13449564)

Have a look what the booklet for
Decimal(13449564) contains.

Decimal(13449564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13449564)

Conversions

Conversions Part 1

Format	Color
Hex	CD395C
RGB	205, 57, 92
RGB Percent	80%, 22%, 36%
CMY	0.1961, 0.7765, 0.6392
CMYK	0.00, 0.72, 0.55, 0.20
HSL	346°, 60%, 51%
HSV	346°, 72%, 80%
XYZ	28.5717, 16.6781, 11.8385
YIQ	105.2420, 76.9730, 42.2610

Conversions

Conversions Part 2

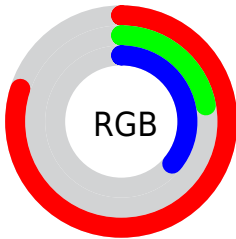
Format	Color
R_{YB}	205, 57, 92
Decimal	13449564
CIE Lab	47.85, 59.72, 14.63
CIE LCh	48, 61.485, 13.767
Yxy	16.6781, 0.5005, 0.2921
Android (android.graphics.Color)	4291639644 (0xFFCD395C)
YUV	105.2420, -6.5283, 87.4878
Hunter-Lab	40.8388, 53.4145, 11.4000

Details

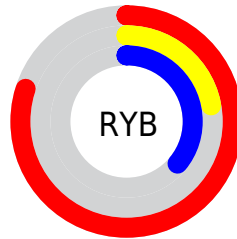
The Decimal color **13449564** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3788202**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16741262**, and **9437231** is the 20% darker color. If you saturate the color by 10%, you get **13444172**, and if you desaturate by 10%, it is **13454700**.

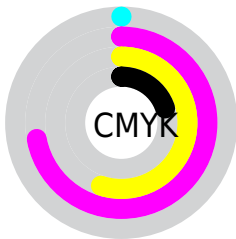
Distribution



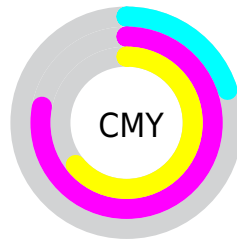
- Red (80%)
- Green (22%)
- Blue (36%)



- Red (80%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (55%)
- Black (20%)




- Cyan (20%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13449564 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 13449564 by changing the saturation by 10% instead.


 13449564  13449564

16777215  11474245

 16741262  9437231

 16748456  7536667

 16755651  5636096

 16763103  3801090

 16770556  1114112

 0

 13449564  13449564

 13444172  13454700

 13439037

 13460091

 13434928

 13465227

 13470619

 13476010

 13481146

 13486538

 13491673

 13497065

Harmonies

Analogous

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



12533648



13449564



12602667

Triad

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



13449564



3441181



32726

Complementary

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



13449564



3788202

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.



34745



13449564



34643

Square

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



13449564



7567104



35209



1863895

Rectangle

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



13449564



11296005



35209



33743

Sweetspot

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



13449564



16762836



11024845



8412774



0



8421504

Same Dimension

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



13449564



16720214



13459001



6708318



10879015



2490377

Inverse Universe

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



13449564



16720214



3778765



6708318



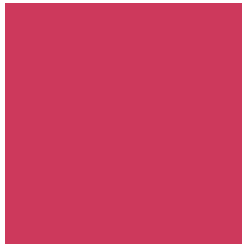
10879015



2490377

Previews

White Background



This preview shows how the Decimal color 13449564 looks on a white background.

Color Contrast Check

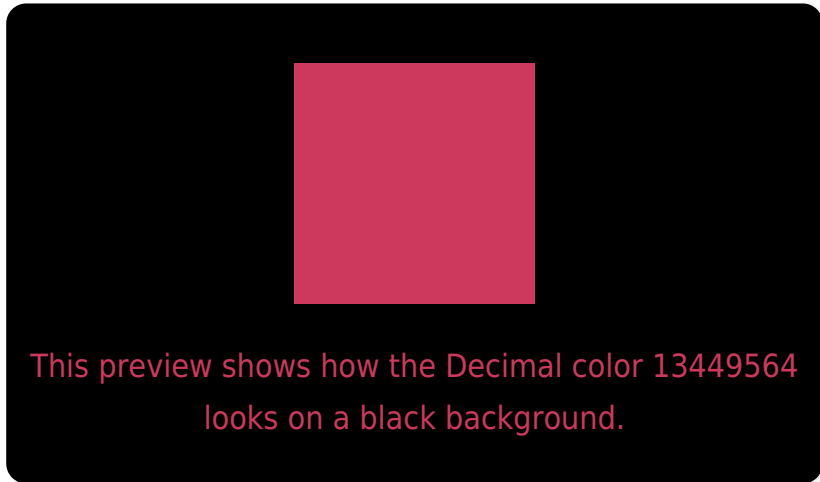
Large Text (above 18pt) WCAG AA ✓ Pass

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 13449564 Background



This preview shows how black text looks on a background with the Decimal color 13449564.

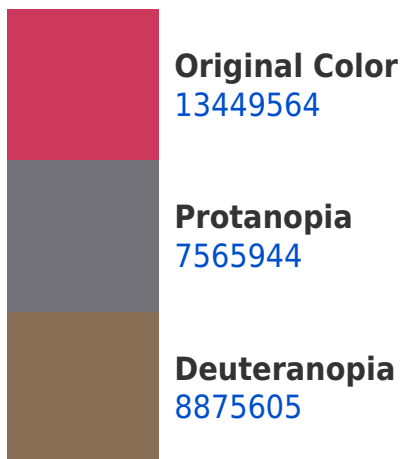


This preview shows how white text looks on a background with the Decimal color 13449564.

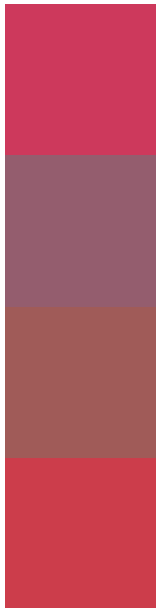
Color Blindness Simulation

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



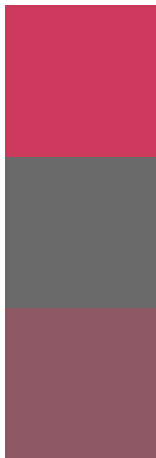
Original Color
13449564

Protanomaly
9723246

Deuteranomaly
10509144

Tritanomaly
13385035

Monochromacy



Original Color
13449564

Achromatopsia
6908265

Achromatomaly
9263204

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13449564 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 #CD395C looks like.

```
.text, #text, p{  
  color:#CD395C  
}
```

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 #CD395C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD395C
}
```

Border

The CSS property to change the border of an element to Decimal 13449564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

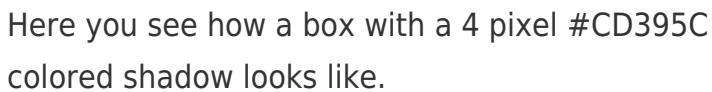
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD395C }
```

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

```
.border{ border-color:#CD395C }
```

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



Here you see how a box with a 4 pixel `#CD395C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD395C; -webkit-box-shadow:4px 4px  
4px 4px #CD395C; box-shadow:4px 4px 4px  
4px #CD395C }
```

Background

The CSS property to change the background color of an element to Decimal 13449564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD395C }
```

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

```
.background{ background-color:#CD395C }
```

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