

# Converting Colors

Decimal(14042980)

Have a look what the booklet for  
Decimal(14042980) contains.

<b>Decimal(14042980)</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(14042980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D64764
RGB	214, 71, 100
RGB Percent	84%, 28%, 39%
CMY	0.1608, 0.7216, 0.6078
CMYK	0.00, 0.67, 0.53, 0.16
HSL	348°, 64%, 56%
HSV	348°, 67%, 84%
XYZ	32.2850, 19.7227, 14.1618
YIQ	117.0630, 75.9190, 39.3350

# Conversions

## Conversions Part 2

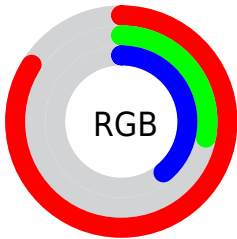
Format	Color
<a href="#">RYB</a>	<a href="#">214, 71, 100</a>
Decimal	<a href="#">14042980</a>
CIELab	<a href="#">51.52, 57.82, 15.08</a>
CIElCh	<a href="#">52, 59.756, 14.622</a>
Yxy	<a href="#">19.7227, 0.4879, 0.2981</a>
Android (android.graphics.Color)	<a href="#">4292233060</a> ( <a href="#">0xFFD64764</a> )
YUV	<a href="#">117.0630, -8.4121, 85.0137</a>
Hunter-Lab	<a href="#">44.4103, 52.0466, 12.1804</a>

# Details

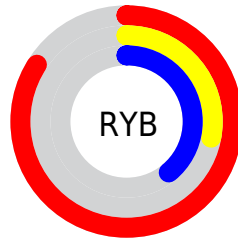
The Decimal color **14042980** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4708025**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16744343**, and **10027062** is the 20% darker color. If you saturate the color by 10%, you get **14037587**, and if you desaturate by 10%, it is **14048373**.

# Distribution



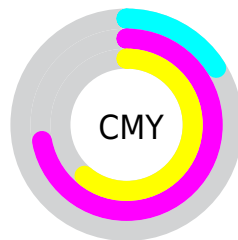
- Red (84%)
- Green (28%)
- Blue (39%)



- Red (84%)
- Yellow (28%)
- Blue (39%)



- Cyan (0%)
- Magenta (67%)
- Yellow (53%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14042980 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 14042980 by changing the saturation by 10% instead.



 14042980

 14042980

16777215

 12068940

 16744343

 10027062

 16751537

 8126497

 16758989

 6160394

 16766441

 4390914

 16773887

 2293761

 0

 14042980

 14042980

 14037587

 14048373

 14031938

 14054022

 14026545

 14059415

 14024747

 14065064

 14070457

 14075850

 14081499

 14086892

 14090238

# Harmonies

## Analogous

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



13192087



14042980



13195572

# Triad

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



14042980



4164395



35038

# Complementary

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



14042980



4708025

# 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.



37058



14042980



37214

# Square

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



14042980



8159232



37523



3963102

# Rectangle

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



14042980



11888662



37523



35799



# Sweetspot

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



14042980



16764118



12011478



8413543



0



8421504



# Same Dimension

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



14042980



16724828



14053447



7037027



11206691



2818057



# Inverse Universe

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



14042980



16724828



4697558



7037027



11206691

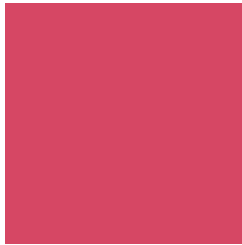


2818057



# Previews

## White Background



This preview shows how the Decimal color 14042980 looks on a white 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

# Black Background



This preview shows how the Decimal color 14042980 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14042980 Background



This preview shows how black text looks on a background with the Decimal color 14042980.

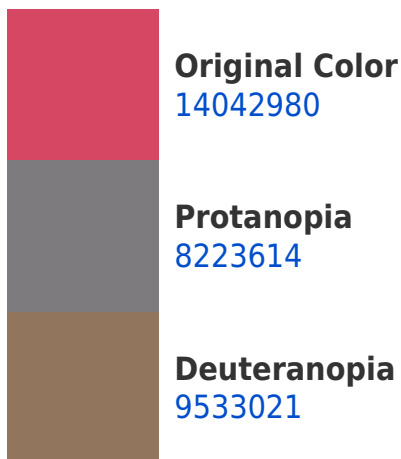


This preview shows how white text looks on a background with the Decimal color 14042980.

# 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





**Tritanopia**  
13978447

# Trichromacy



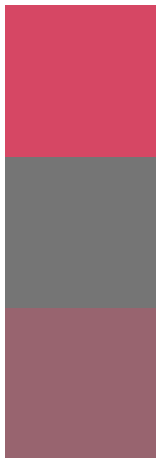
**Original Color**  
14042980

**Protanomaly**  
10315893

**Deuteranomaly**  
11167072

**Tritanomaly**  
13978199

# Monochromacy



**Original Color**  
14042980

**Achromatopsia**  
7697781

**Achromatomaly**  
9987183

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14042980 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 #D64764 looks like.

```
.text, #text, p{  
  color:#D64764  
}
```

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 #D64764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64764
}
```

## Border

The CSS property to change the border of an element to Decimal 14042980 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
#D64764 }
```

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

```
.border{ border-color:#D64764 }
```

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

Here you see how a box with a 4 pixel #D64764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64764; -webkit-box-shadow:4px 4px  
4px 4px #D64764; box-shadow:4px 4px 4px  
4px #D64764 }
```

# Background

The CSS property to change the background color of an element to Decimal 14042980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64764 }
```

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

```
.background{ background-color:#D64764 }
```

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