

# Converting Colors

Decimal(14579320)

Have a look what the booklet for  
Decimal(14579320) contains.

<b>Decimal(14579320)</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(14579320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7678
RGB	222, 118, 120
RGB Percent	87%, 46%, 47%
CMY	0.1294, 0.5373, 0.5294
CMYK	0.00, 0.47, 0.46, 0.13
HSL	359°, 61%, 67%
HSV	359°, 47%, 87%
XYZ	39.9928, 29.8425, 21.4216
YIQ	149.3240, 61.3420, 22.6700

# Conversions

## Conversions Part 2

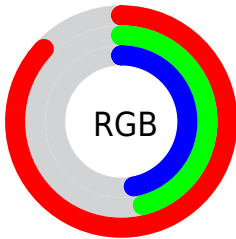
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 118, 120
Decimal	14579320
CIE Lab	61.52, 40.54, 17.33
CIE LCh	62, 44.091, 23.145
Yxy	29.8425, 0.4382, 0.3270
Android (android.graphics.Color)	4292769400 (0xFFDE7678)
YUV	149.3240, -14.4567, 63.7369
Hunter-Lab	54.6283, 35.0784, 14.9902

# Details

The Decimal color **14579320** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7790300**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16755884**, and **10699336** is the 20% darker color. If you saturate the color by 10%, you get **14573666**, and if you desaturate by 10%, it is **14584974**.

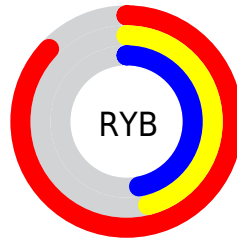
# Distribution



Red (87%)

Green (46%)

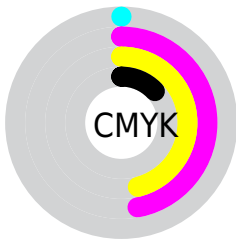
Blue (47%)



Red (87%)

Yellow (46%)

Blue (47%)

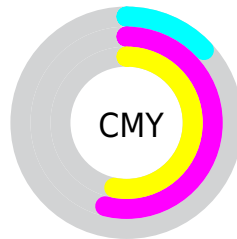


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (13%)



Cyan (13%)

Magenta (54%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14579320 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 14579320 by changing the saturation by 10% instead.



 14579320

 14579320

16777215

 12606559

 16755884

 10699336

 16763080

 8792113

 16770532

 6949404

 5177347

 3473409

 655360

 0

 14579320

 14579320

 14573666

 14584974

 14568012

 14590628

 14562103

 14596537

 14556449

 14602191

 14550795

 14607845

 14548996

 14613499

 14614527

# Harmonies

## Analogous

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



14185887



14579320



13664599

# Triad

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



14579320



6268004



3644386

# Complementary

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



14579320



7790300

# 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.



42194



14579320



239754

# Square

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



14579320



9345866



43186



9080540

# Rectangle

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



14579320



12553033



43186



40927



# Sweetspot

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



14579320



16767964



14382814



8415850



0



8421504



# Same Dimension

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



14579320



16740467



14591862



7365989



11534339



3145729



# Inverse Universe

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



14579320



16740467



7777758



7365989



11534339



3145729



# Previews

## White Background



This preview shows how the Decimal color 14579320 looks on a white background.

## Color Contrast Check

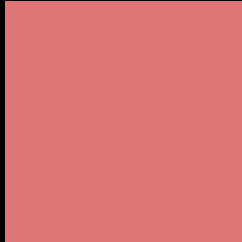
Large Text (above 18pt) WCAG AA ✓ Pass

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 14579320 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 14579320 Background



This preview shows how black text looks on a background with the Decimal color 14579320.



This preview shows how white text looks on a background with the Decimal color 14579320.

# 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**  
14579320

**Protanopia**  
10196359

**Deuteranopia**  
11505524



**Tritanopia**  
14579070

# Trichromacy



**Original Color**  
14579320

**Protanomaly**  
11766402

**Deuteranomaly**  
12617333

**Tritanomaly**  
14579068

# Monochromacy



**Original Color**  
14579320

**Achromatopsia**  
9803157

**Achromatomaly**  
11569802

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14579320 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 #DE7678 looks like.

```
.text, #text, p{  
    color:#DE7678  
}
```

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 #DE7678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7678  
}
```

## Border

The CSS property to change the border of an element to Decimal 14579320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

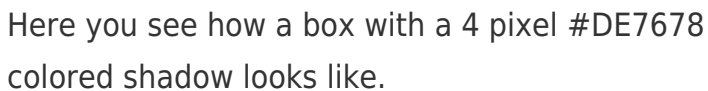
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DE7678 }
```

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

```
.border{ border-color:#DE7678 }
```

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



Here you see how a box with a 4 pixel #DE7678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7678; -webkit-box-shadow:4px 4px  
4px 4px #DE7678; box-shadow:4px 4px 4px  
4px #DE7678 }
```

# Background

The CSS property to change the background color of an element to Decimal 14579320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7678 }
```

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

```
.background{ background-color:#DE7678 }
```

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