

# Converting Colors

Decimal(13742020)

Have a look what the booklet for  
Decimal(13742020) contains.

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# **Color**

**Decimal(13742020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1AFC4
RGB	209, 175, 196
RGB Percent	82%, 69%, 77%
CMY	0.1804, 0.3137, 0.2314
CMYK	0.00, 0.16, 0.06, 0.18
HSL	323°, 27%, 75%
HSV	323°, 16%, 82%
XYZ	51.5883, 48.2008, 58.8092
YIQ	187.5600, 13.5230, 13.7390

# Conversions

## Conversions Part 2

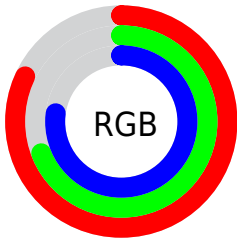
Format	Color
R <sub>Y</sub> B	209, 175, 196
Decimal	13742020
CIE Lab	74.95, 15.82, -6.06
CIE LCh	75, 16.947, 339.034
Yxy	48.2008, 0.3253, 0.3039
Android (android.graphics.Color)	4291932100 (0xFFD1AFC4)
YUV	187.5600, 4.1609, 18.8029
Hunter-Lab	69.4268, 11.1394, -1.6239

# Details

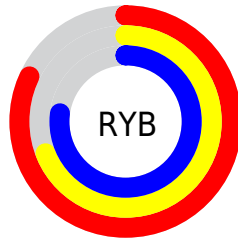
The Decimal color **13742020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **11522492**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16771069**, and **10123918** is the 20% darker color. If you saturate the color by 10%, you get **13736636**, and if you desaturate by 10%, it is **13747404**.

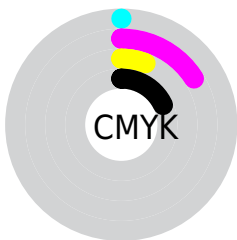
# Distribution



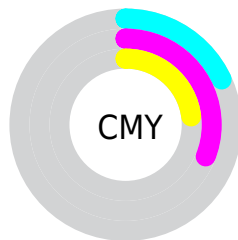
- Red (82%)
- Green (69%)
- Blue (77%)



- Red (82%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13742020 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 13742020 by changing the saturation by 10% instead.



 13742020

 13742020

16777215

 11900073

 16771069

 10123918

 8413557

 6768988

 5124933

 3611950

 2229786

 0

 13742020

 13742020

13736636

13747404

13731252

13752788

13725868

13758172

13720484

13762532

13715356

13762540

13709972

13762548

13704588

13762556

13699204

13762559

13697153

# Harmonies

## Analogous

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



12694481



13742020



14266036

# Triad

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



13742020



12630426



9486540

# Complementary

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



13742020



11522492

# 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.



9618109



13742020



11452064

# Square

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



13742020



13612188



10338733



10206677

# Rectangle

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



13742020



14266282



10338733



9421255



# Sweetspot

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



13742020



16773882



12300241



8419453



0



8421504



# Same Dimension

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



13742020



16764140



13742004



6905445



11010152



2687001



# Inverse Universe

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



13742020



16764139



11522508



6905445



11010152

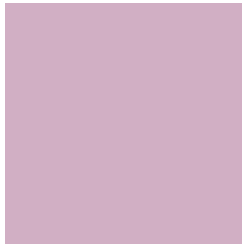


2687001



# Previews

## White Background



This preview shows how the Decimal color 13742020 looks on a white background.

## Color Contrast Check

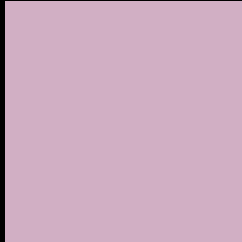
Large Text (above 18pt) WCAG AA × Fail

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 13742020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

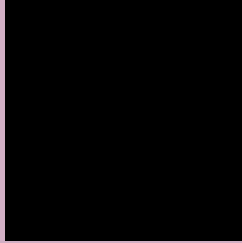
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13742020 Background



This preview shows how black text looks on a background with the Decimal color 13742020.



This preview shows how white text looks on a background with the Decimal color 13742020.

# 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**  
13742020

**Protanopia**  
12040137

**Deuteranopia**  
13022147



**Tritanopia**  
13676734

# Trichromacy



**Original Color**  
13742020

**Protanomaly**  
12629191

**Deuteranomaly**  
13284035

**Tritanomaly**  
13676736

# Monochromacy



**Original Color**  
13742020

**Achromatopsia**  
12369084

**Achromatomaly**  
12892095

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13742020 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 #D1AFC4 looks like.

```
.text, #text, p{  
    color:#D1AFC4  
}
```

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 #D1AFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1AFC4
}
```

## Border

The CSS property to change the border of an element to Decimal 13742020 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
#D1AFC4 }
```

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

```
.border{ border-color:#D1AFC4 }
```

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

Here you see how a box with a 4 pixel #D1AFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1AFC4; -webkit-box-shadow:4px 4px  
4px 4px #D1AFC4; box-shadow:4px 4px 4px  
4px #D1AFC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13742020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1AFC4 }
```

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

```
.background{ background-color:#D1AFC4 }
```

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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