

# Converting Colors

Decimal(13676516)

Have a look what the booklet for  
Decimal(13676516) contains.

<b>Decimal(13676516)</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(13676516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0AFE4
RGB	208, 175, 228
RGB Percent	82%, 69%, 89%
CMY	0.1843, 0.3137, 0.1059
CMYK	0.09, 0.23, 0.00, 0.11
HSL	277°, 50%, 79%
HSV	277°, 23%, 89%
XYZ	55.3460, 49.6713, 80.0693
YIQ	190.9090, 2.6550, 23.4790

# Conversions

## Conversions Part 2

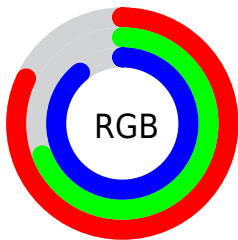
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 175, 228
Decimal	13676516
CIE Lab	75.87, 21.55, -22.13
CIE LCh	76, 30.890, 314.237
Yxy	49.6713, 0.2990, 0.2684
Android (android.graphics.Color)	4291866596 (0xFFD0AFE4)
YUV	190.9090, 18.2859, 14.9888
Hunter-Lab	70.4779, 16.8391, -18.0243

# Details

The Decimal color **13676516** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12838063**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16771071**, and **10058412** is the 20% darker color. If you saturate the color by 10%, you get **13080804**, and if you desaturate by 10%, it is **14272228**.

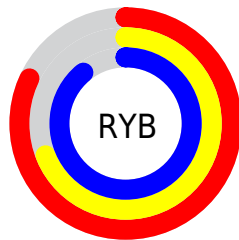
# Distribution



Red (82%)

Green (69%)

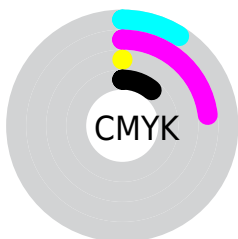
Blue (89%)



Red (82%)

Yellow (69%)

Blue (89%)

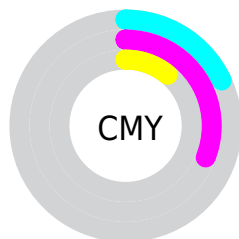


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (18%)

Magenta (31%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13676516 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 13676516 by changing the saturation by 10% instead.



 13676516

 13676516

16777215

 11834568

 16771071

 10058412

 8348050

 6637944

 5059167

 3480647

 2033201

 27

 0

 13676516

 13676516

 13080804

 14272228

 12550628

 14802404

 11955172

 15397860

 11424996

 15925220

 10829284

 16515044

 10233572

 16777188

 9703396

 9306340

# Harmonies

## Analogous

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



11188722



13676516



15378635

# Triad

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



13676516



14529669



6802376

# Complementary

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



13676516



12838063

# 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.



8506027



13676516



12697219

# Square

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



13676516



15707028



10601873



6605026

# Rectangle

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



13676516



15967928



10601873



7261118



# Sweetspot

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



13676516



16313855



11518948



8156544



0



8421504



# Same Dimension

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



13676516



14989567



14987230



7235443



7274675



2097203



# Inverse Universe

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



14987203



16758995



11527349



7563116



11731011

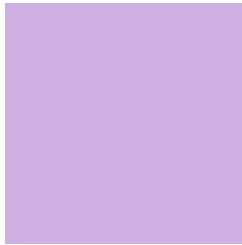


3342355



# Previews

## White Background



This preview shows how the Decimal color 13676516 looks on a white background.

## Color Contrast Check

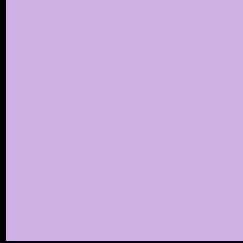
Large Text (above 18pt) WCAG AA × Fail

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 13676516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

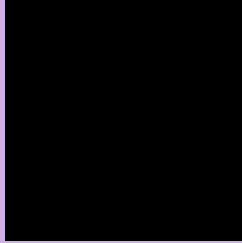
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13676516 Background



This preview shows how black text looks on a background with the Decimal color 13676516.

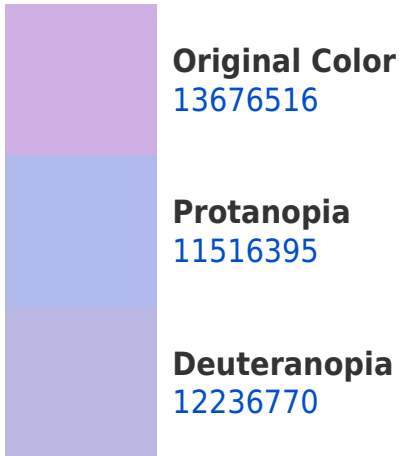



This preview shows how white text looks on a background with the Decimal color 13676516.

# 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**  
13350339

# Trichromacy



**Original Color**  
13676516

**Protanomaly**  
12301800

**Deuteranomaly**  
12760291

**Tritanomaly**  
13480911

# Monochromacy



**Original Color**  
13676516

**Achromatopsia**  
12566463

**Achromatomaly**  
12958156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13676516 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 #D0AFE4 looks like.

```
.text, #text, p{  
    color:#D0AFE4  
}
```

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 #D0AFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AFE4  
}
```

## Border

The CSS property to change the border of an element to Decimal 13676516 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  
#D0AFE4 }
```

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

```
.border{ border-color:#D0AFE4 }
```

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

Here you see how a box with a 4 pixel #D0AFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AFE4; -webkit-box-shadow:4px 4px  
4px 4px #D0AFE4; box-shadow:4px 4px 4px  
4px #D0AFE4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13676516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AFE4 }
```

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

```
.background{ background-color:#D0AFE4 }
```

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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