

Converting Colors

Decimal(12677586)

Have a look what the booklet for
Decimal(12677586) contains.

Decimal(12677586)	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(12677586)

Conversions

Conversions Part 1

Format	Color
Hex	C171D2
RGB	193, 113, 210
RGB Percent	76%, 44%, 82%
CMY	0.2431, 0.5569, 0.1765
CMYK	0.08, 0.46, 0.00, 0.18
HSL	289°, 52%, 63%
HSV	289°, 46%, 82%
XYZ	39.5303, 27.8009, 64.2554
YIQ	147.9780, 16.5430, 47.1270

Conversions

Conversions Part 2

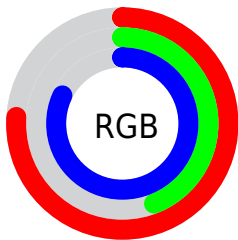
Format	Color
RYB	193, 113, 210
Decimal	12677586
CIELab	59.71, 46.89, -37.22
CIElCh	60, 59.872, 321.556
Yxy	27.8009, 0.3004, 0.2113
Android (android.graphics.Color)	4290867666 (0xFFC171D2)
YUV	147.9780, 30.5768, 39.4843
Hunter-Lab	52.7265, 41.5542, -35.3455

Details

The Decimal color **12677586** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8573553**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16492543**, and **8994203** is the 20% darker color. If you saturate the color by 10%, you get **12410066**, and if you desaturate by 10%, it is **12945106**.

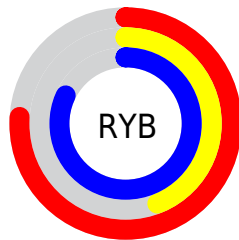
Distribution



Red (76%)

Green (44%)

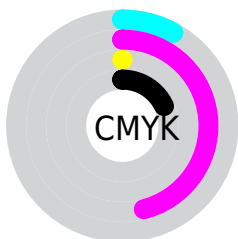
Blue (82%)



Red (76%)

Yellow (44%)

Blue (82%)

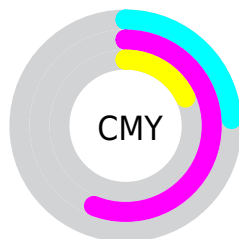


Cyan (8%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (56%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12677586 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 12677586 by changing the saturation by 10% instead.

 12677586

 12677586

16777215

 10835894

 16492543

 8994203

 16761855

 7283585

 16769023

 5505639

 16776447

 3866703

 2490424

 33

 5

 0

12677586

12677586

12410066

12945106

12208082

13147090

11940562

13414610

11673042

13682130

11471058

13884114

11337938

14151634

14417874

14614482

14876626

Harmonies

Analogous

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



7637234



12677586



15163297

Triad

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



12677586



12027932



43445

Complementary

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



12677586



8573553

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.



43135



12677586



8820769

Square

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



12677586



14447422



4367178



42466

Rectangle

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



12677586



15687038



4367178



43427

Sweetspot

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



12677586



16374783



7439314



8153728



0



8421504

Same Dimension

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



12677586



15102975



13791667



6774377



9109672



2228265

Inverse Universe

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



13791618



16741259



7459472



6905440



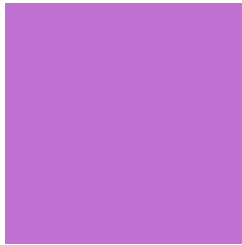
11010077



2686983

Previews

White Background



This preview shows how the Decimal color 12677586 looks on a white background.

Color Contrast Check

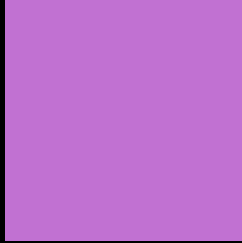
Large Text (above 18pt) WCAG AA ✓ Pass

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 12677586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

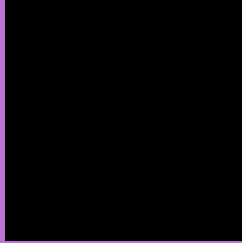
Any Text WCAG AA ✓ Pass

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 12677586 Background



This preview shows how black text looks on a background with the Decimal color 12677586.

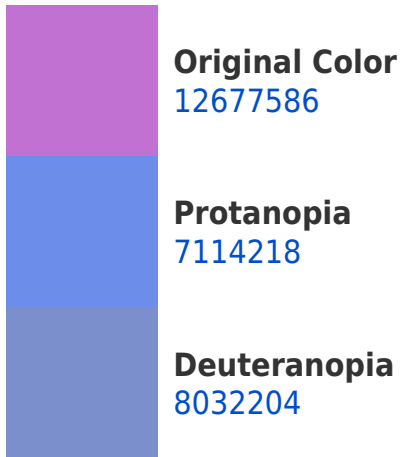


This preview shows how white text looks on a background with the Decimal color 12677586.

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
12026251

Trichromacy



Original Color
12677586



Protanomaly
9143265



Deuteranomaly
9733326



Tritanomaly
12286885

Monochromacy



Original Color
12677586



Achromatopsia
9737364



Achromatomaly
10782635

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12677586 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 #C171D2 looks like.

```
.text, #text, p{  
    color:#C171D2  
}
```

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 #C171D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C171D2
}
```

Border

The CSS property to change the border of an element to Decimal 12677586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

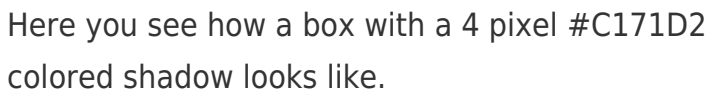
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C171D2 }
```

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

```
.border{ border-color:#C171D2 }
```

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



Here you see how a box with a 4 pixel `#C171D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C171D2; -webkit-box-shadow:4px 4px  
4px 4px #C171D2; box-shadow:4px 4px 4px  
4px #C171D2 }
```

Background

The CSS property to change the background color of an element to Decimal 12677586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C171D2 }
```

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

```
.background{ background-color:#C171D2 }
```

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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