

Converting Colors

Decimal(12635386)

Have a look what the booklet for
Decimal(12635386) contains.

Decimal(12635386)	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(12635386)

Conversions

Conversions Part 1

Format	Color
Hex	C0CCFA
RGB	192, 204, 250
RGB Percent	75%, 80%, 98%
CMY	0.2471, 0.2000, 0.0196
CMYK	0.23, 0.18, 0.00, 0.02
HSL	228°, 85%, 87%
HSV	228°, 23%, 98%
XYZ	60.5864, 61.2943, 99.0802
YIQ	205.6560, -21.9180, 11.7620

Conversions

Conversions Part 2

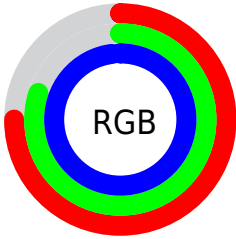
Format	Color
R _{YB}	192, 202, 250
Decimal	12635386
CIE Lab	82.54, 5.58, -23.92
CIE LCh	83, 24.560, 283.141
Yxy	61.2943, 0.2742, 0.2774
Android (android.graphics.Color)	4290825466 (0xFFC0CCFA)
YUV	205.6560, 21.8616, -11.9763
Hunter-Lab	78.2907, 1.1262, -20.2305

Details

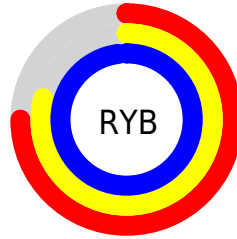
The Decimal color **12635386** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16445120**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16383999**, and **9082561** is the 20% darker color. If you saturate the color by 10%, you get **10991866**, and if you desaturate by 10%, it is **14278906**.

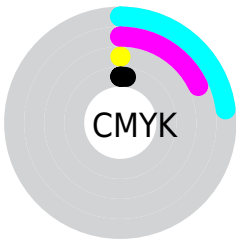
Distribution



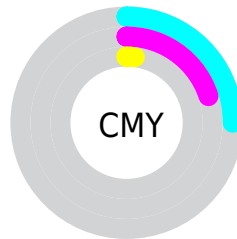
- Red (75%)
- Green (80%)
- Blue (98%)



- Red (75%)
- Yellow (79%)
- Blue (98%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12635386 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 12635386 by changing the saturation by 10% instead.

■ 12635386

16777215

■ 16383999

■ 12635386

■ 10793437

■ 9082561

■ 7306406

■ 5661580

■ 4017266

■ 2438489

■ 663618

■ 2092

■ 278

■ 12635386

■ 12635386

■ 10991866

■ 14278906

■ 9348346

■ 15922426

■ 7705082

■ 16777210

■ 6061562

■ 4418042

■ 2774522

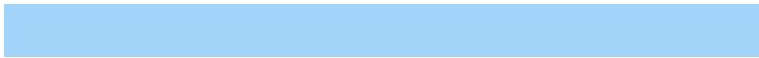
■ 1131002

■ 13562

Harmonies

Analogous

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



10671097



12635386



14599407

Triad

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



12635386



16368047



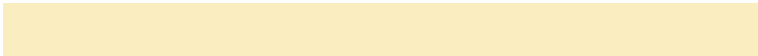
10607295

Complementary

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



12635386



16445120

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.



12244651



12635386



15452066

Square

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



12635386



16629188



13946784



9493463

Rectangle

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



12635386



15581411



13946784



11131320

Sweetspot

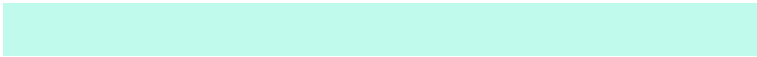
The Sweet Spot groups the original color and five complimentary colors.



12635386



15593983



12647149



7698304



0



8421504

Same Dimension

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



12635386



12109567



13680890



7369597



10173



3389

Inverse Universe

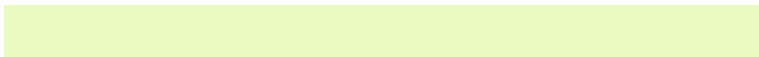
The Inverse Universe completely reimagines the original color for something new.



16433356



16758982



15399616



8220787



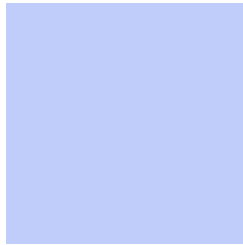
12386343



3997709

Previews

White Background



This preview shows how the Decimal color 12635386 looks on a white background.

Color Contrast Check

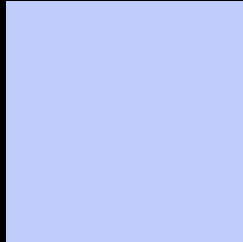
Large Text (above 18pt) WCAG AA × Fail

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 12635386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

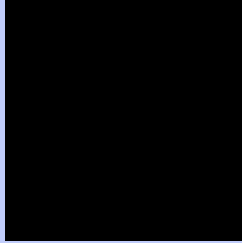
Any Text WCAG AA ✓ Pass

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 12635386 Background



This preview shows how black text looks on a background with the Decimal color 12635386.



This preview shows how white text looks on a background with the Decimal color 12635386.

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
12635386

Protanopia
12831737

Deuteranopia
13289979



Tritanopia
12308705

Trichromacy



Original Color
12635386

Protanomaly
12766201

Deuteranomaly
13028091

Tritanomaly
12439530

Monochromacy



Original Color
12635386

Achromatopsia
13553358

Achromatomaly
13225438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12635386 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 #C0CCFA looks like.

```
.text, #text, p{  
    color:#C0CCFA  
}
```

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 #C0CCFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0CCFA
}
```

Border

The CSS property to change the border of an element to Decimal 12635386 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
#C0CCFA }
```

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

```
.border{ border-color:#C0CCFA }
```

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

Here you see how a box with a 4 pixel #C0CCFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0CCFA; -webkit-box-shadow:4px 4px  
4px 4px #C0CCFA; box-shadow:4px 4px 4px  
4px #C0CCFA }
```

Background

The CSS property to change the background color of an element to Decimal 12635386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0CCFA }
```

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

```
.background{ background-color:#C0CCFA }
```

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