

Converting Colors

Decimal(13263862)

Have a look what the booklet for
Decimal(13263862) contains.

Decimal(13263862)	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(13263862)

Conversions

Conversions Part 1

Format	Color
Hex	CA63F6
RGB	202, 99, 246
RGB Percent	79%, 39%, 96%
CMY	0.2078, 0.6118, 0.0353
CMYK	0.18, 0.60, 0.00, 0.04
HSL	282°, 89%, 68%
HSV	282°, 60%, 96%
XYZ	45.4535, 28.1341, 90.2235
YIQ	146.5550, 14.2010, 67.5530

Conversions

Conversions Part 2

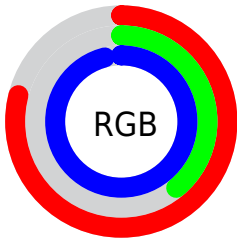
Format	Color
R _{YB}	202, 99, 246
Decimal	13263862
CIE _{Lab}	60.01, 63.37, -56.80
CIE _{LCh}	60, 85.104, 318.131
Y _{xy}	28.1341, 0.2775, 0.1717
Android (android.graphics.Color)	4291453942 (0xFFCA63F6)
YUV	146.5550, 49.0264, 48.6253
Hunter-Lab	53.0415, 60.1414, -63.7230

Details

The Decimal color **13263862** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9434723**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16751359**, and **9448125** is the 20% darker color. If you saturate the color by 10%, you get **12798710**, and if you desaturate by 10%, it is **13729014**.

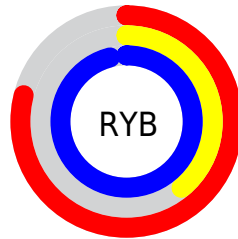
Distribution



Red (79%)

Green (39%)

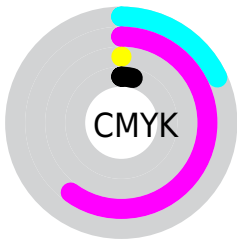
Blue (96%)



Red (79%)

Yellow (39%)

Blue (96%)

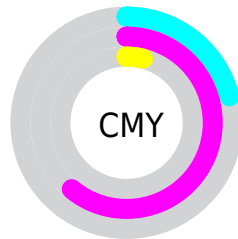


Cyan (18%)

Magenta (60%)

Yellow (0%)

Black (4%)



Cyan (21%)
















Magenta (61%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13263862 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 13263862 by changing the saturation by 10% instead.

 13263862	 13263862
16777215	 11356121
 16751359	 9448125
 16758783	 7602337
 16765951	 5767302
 16773631	 3932268
	 2228307
	 59
	 548
	 12

 13263862

 13263862

 12798710

 13729014

 12268278

 14259446

 11803126

 14724598

 11338230

 15189494

 11272438

 15720182

 16185334

 16711670

 16777206

Harmonies

Analogous

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



2263807



13263862



16725426

Triad

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



13263862



13075200



45501

Complementary

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



13263862



9434723

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.



44911



13263862



8690432

Square

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



13263862



16342555



43032



44799

Rectangle

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



13263862



16722304



43032



45476

Sweetspot

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



13263862



15847935



6524918



7824256



0



8421504

Same Dimension

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



13263862



13125631



16147417



7827066



8519866



2687035

Inverse Universe

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



16147343



16729982



6551168



8023666



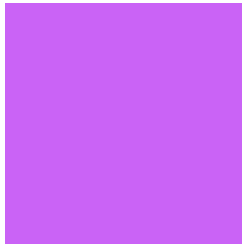
12189752



3866642

Previews

White Background



This preview shows how the Decimal color 13263862 looks on a white background.

Color Contrast Check

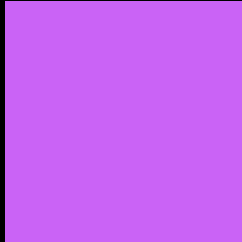
Large Text (above 18pt) WCAG AA ✓ Pass

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 13263862 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 13263862 Background



This preview shows how black text looks on a background with the Decimal color 13263862.




This preview shows how white text looks on a background with the Decimal color 13263862.

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
12222859

Trichromacy



Original Color
13263862



Protanomaly
8617724



Deuteranomaly
8487152



Tritanomaly
12613298

Monochromacy



Original Color
13263862



Achromatopsia
9671571



Achromatomaly
10977975

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13263862 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 #CA63F6 looks like.

```
.text, #text, p{  
    color:#CA63F6  
}
```

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 #CA63F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA63F6
}
```

Border

The CSS property to change the border of an element to Decimal 13263862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

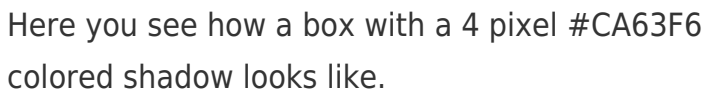
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA63F6 }
```

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

```
.border{ border-color:#CA63F6 }
```

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



Here you see how a box with a 4 pixel #CA63F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA63F6; -webkit-box-shadow:4px 4px  
4px 4px #CA63F6; box-shadow:4px 4px 4px  
4px #CA63F6 }
```

Background

The CSS property to change the background color of an element to Decimal 13263862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA63F6 }
```

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

```
.background{ background-color:#CA63F6 }
```

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