

Converting Colors

Decimal(12803280)

Have a look what the booklet for
Decimal(12803280) contains.

Decimal(12803280)	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(12803280)

Conversions

Conversions Part 1

Format	Color
Hex	C35CD0
RGB	195, 92, 208
RGB Percent	76%, 36%, 82%
CMY	0.2353, 0.6392, 0.1843
CMYK	0.06, 0.56, 0.00, 0.18
HSL	293°, 55%, 59%
HSV	293°, 56%, 82%
XYZ	37.7180, 23.8105, 62.2824
YIQ	136.0210, 24.1520, 57.9120

Conversions

Conversions Part 2

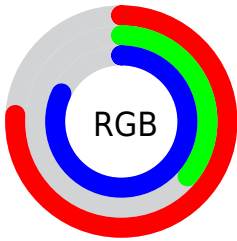
Format	Color
R _Y B	195, 92, 208
Decimal	12803280
CIE Lab	55.90, 57.53, -42.06
CIE LCh	56, 71.262, 323.827
Yxy	23.8105, 0.3046, 0.1923
Android (android.graphics.Color)	4290993360 (0xFFC35CD0)
YUV	136.0210, 35.4856, 51.7246
Hunter-Lab	48.7960, 52.5828, -41.5197

Details

The Decimal color **12803280** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **6934620**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16684031**, and **9053081** is the 20% darker color. If you saturate the color by 10%, you get **12666832**, and if you desaturate by 10%, it is **12939728**.

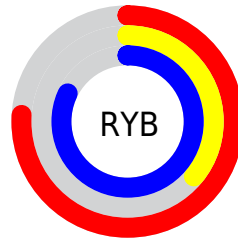
Distribution



Red (76%)

Green (36%)

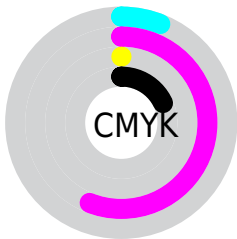
Blue (82%)



Red (76%)

Yellow (36%)

Blue (82%)

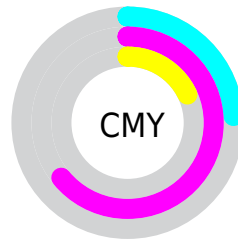


Cyan (6%)

Magenta (56%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (64%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12803280 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 12803280 by changing the saturation by 10% instead.

 12803280

 12803280

16777215

 10895796

 16684031

 9053081


 16756735


 7274623

 16763903

 5505125

 16771327

 3801165

 2162741

 543

 1

 0


 12803280

 12803280

 12666832

 12939728

 12464848

 13141712

 12328656

 13277904

 12192208

 13414352

 12124368

 13616336

 13752784

 13889232

 14090192

 14221264

Harmonies

Analogous

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



6716408



12803280



15483286

Triad

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



12803280



11304704



41398

Complementary

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



12803280



6934620

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.



41335



12803280



7508224

Square

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



12803280



14181405



39990



40426

Rectangle

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



12803280



15941996



39990



41634

Sweetspot

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



12803280



16438527



6056656



8218240



0



8421504

Same Dimension

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



12803280



15488255



13655204



6774377



9765032



2359337

Inverse Universe

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



13655145



16733287



6082696



6905439



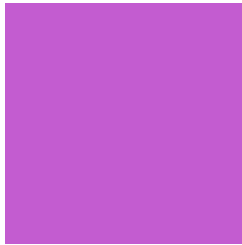
11010067



2686981

Previews

White Background



This preview shows how the Decimal color 12803280 looks on a white background.

Color Contrast Check

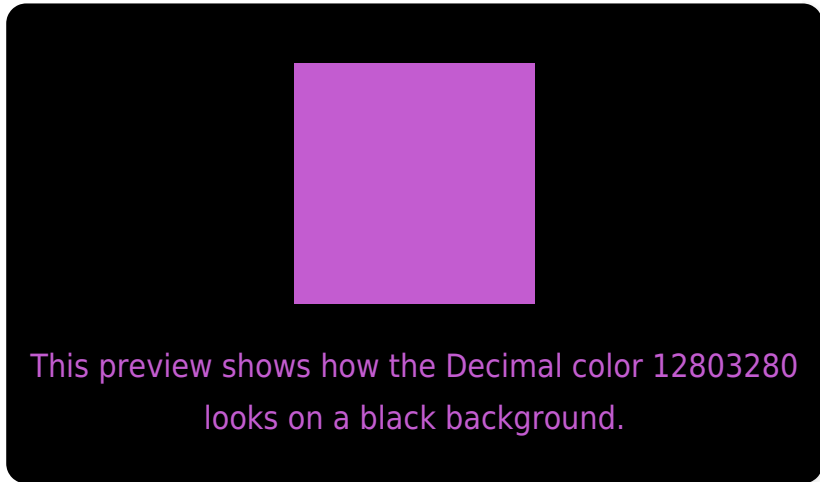
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

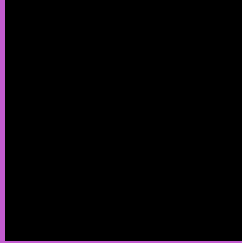
Any Text WCAG AA ✓ Pass

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 12803280 Background



This preview shows how black text looks on a background with the Decimal color 12803280.



This preview shows how white text looks on a background with the Decimal color 12803280.

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



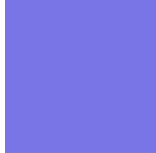


Tritanopia
12087931

Trichromacy



Original Color
12803280



Protanomaly
7960038



Deuteranomaly
9009100



Tritanomaly
12348058

Monochromacy



Original Color
12803280



Achromatopsia
8947848



Achromatomaly
10320034

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12803280 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 #C35CD0 looks like.

```
.text, #text, p{  
  color:#C35CD0  
}
```

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 #C35CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35CD0
}
```

Border

The CSS property to change the border of an element to Decimal 12803280 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
#C35CD0 }
```

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

```
.border{ border-color:#C35CD0 }
```

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

Here you see how a box with a 4 pixel #C35CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35CD0; -webkit-box-shadow:4px 4px  
4px 4px #C35CD0; box-shadow:4px 4px 4px  
4px #C35CD0 }
```

Background

The CSS property to change the background color of an element to Decimal 12803280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35CD0 }
```

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

```
.background{ background-color:#C35CD0 }
```

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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