

Converting Colors

Decimal(13527220)

Have a look what the booklet for
Decimal(13527220) contains.

Decimal(13527220)	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(13527220)

Conversions

Conversions Part 1

Format	Color
Hex	CE68B4
RGB	206, 104, 180
RGB Percent	81%, 41%, 71%
CMY	0.1922, 0.5922, 0.2941
CMYK	0.00, 0.50, 0.13, 0.19
HSL	315°, 51%, 61%
HSV	315°, 50%, 81%
XYZ	38.6421, 26.3177, 46.2232
YIQ	143.1620, 36.3960, 45.2600

Conversions

Conversions Part 2

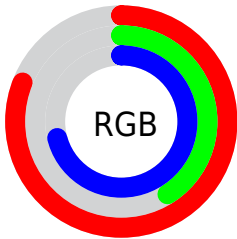
Format	Color
R _Y B	206, 104, 180
Decimal	13527220
CIE Lab	58.34, 49.99, -22.15
CIE LCh	58, 54.672, 336.105
Yxy	26.3177, 0.3476, 0.2367
Android (android.graphics.Color)	4291717300 (0xFFCE68B4)
YUV	143.1620, 18.1611, 55.1089
Hunter-Lab	51.3008, 44.6780, -17.5111

Details

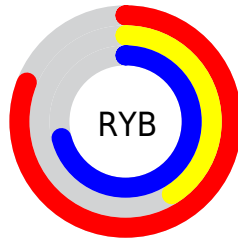
The Decimal color **13527220** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6868610**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16752364**, and **9777791** is the 20% darker color. If you saturate the color by 10%, you get **13521839**, and if you desaturate by 10%, it is **13532601**.

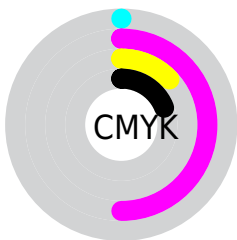
Distribution



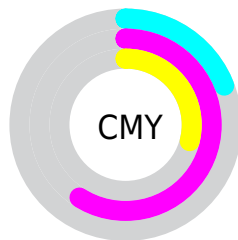
- Red (81%)
- Green (41%)
- Blue (71%)



- Red (81%)
- Yellow (41%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (19%)



- Cyan (19%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13527220 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 13527220 by changing the saturation by 10% instead.

 13527220

 13527220


16777215

 11619737

 16752364

 9777791

 16759551

 8000614

 16766975

 6225998

 16774399

 4522039

 3014689

 5

 0

 13527220

 13527220

13521839

13532601

13516713

13537727

13511332

13543108

13506207

13548233

13500826

13553614

13500569

13558996

13564121

13565918

13565923

Harmonies

Analogous

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



10189786



13527220



14901380

Triad

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



13527220



10325284



41667

Complementary

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



13527220



6868610

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.



41877



13527220



6986042

Square

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



13527220



12876850



434532



39907

Rectangle

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



13527220



14836837



434532



41909

Sweetspot

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



13527220



16767477



8546510



8415610



0



8421504

Same Dimension

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



13527220



16738777



13527170



6708323



10879100



2490397

Inverse Universe

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



13527220



16738777



6868660



6708323



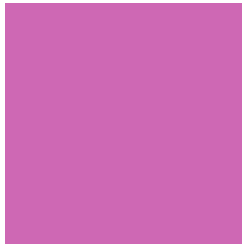
10879100



2490397

Previews

White Background



This preview shows how the Decimal color 13527220 looks on a white background.

Color Contrast Check

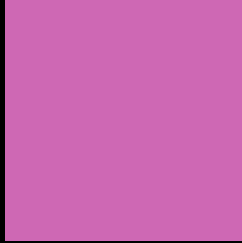
Large Text (above 18pt) WCAG AA ✓ Pass

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 13527220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

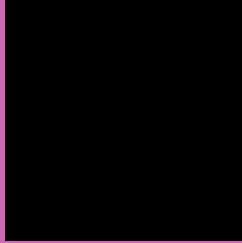
Any Text WCAG AA ✓ Pass

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 13527220 Background



This preview shows how black text looks on a background with the Decimal color 13527220.




This preview shows how white text looks on a background with the Decimal color 13527220.

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
13137021

Trichromacy



Original Color
13527220



Protanomaly
9862853



Deuteranomaly
10649264

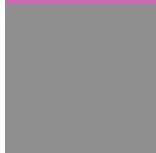


Tritanomaly
13267089

Monochromacy



Original Color
13527220



Achromatopsia
9408399



Achromatomaly
10912156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13527220 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 #CE68B4 looks like.

```
.text, #text, p{  
    color:#CE68B4  
}
```

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 #CE68B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE68B4
}
```

Border

The CSS property to change the border of an element to Decimal 13527220 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
#CE68B4 }
```

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

```
.border{ border-color:#CE68B4 }
```

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

Here you see how a box with a 4 pixel #CE68B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE68B4; -webkit-box-shadow:4px 4px  
4px 4px #CE68B4; box-shadow:4px 4px 4px  
4px #CE68B4 }
```

Background

The CSS property to change the background color of an element to Decimal 13527220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE68B4 }
```

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

```
.background{ background-color:#CE68B4 }
```

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