

# Converting Colors

Decimal(13190532)

Have a look what the booklet for  
Decimal(13190532) contains.

<b>Decimal(13190532)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(13190532)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94584
RGB	201, 69, 132
RGB Percent	79%, 27%, 52%
CMY	0.2118, 0.7294, 0.4824
CMYK	0.00, 0.66, 0.34, 0.21
HSL	331°, 55%, 53%
HSV	331°, 66%, 79%
XYZ	30.3804, 18.3397, 23.7685
YIQ	115.6500, 58.4490, 47.5770

# Conversions

## Conversions Part 2

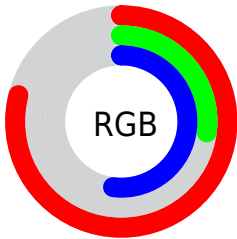
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 69, 132
Decimal	13190532
CIE <sub>Lab</sub>	49.91, 57.79, -6.79
CIE <sub>LCh</sub>	50, 58.187, 353.296
Yxy	18.3397, 0.4191, 0.2530
Android (android.graphics.Color)	4291380612 (0xFFC94584)
YUV	115.6500, 8.0605, 74.8520
Hunter-Lab	42.8249, 51.6861, -2.9295

# Details

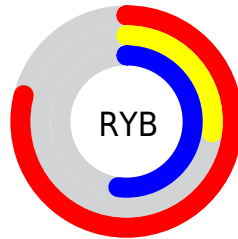
The Decimal color **13190532** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4573578**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16743865**, and **9371731** is the 20% darker color. If you saturate the color by 10%, you get **13185401**, and if you desaturate by 10%, it is **13195663**.

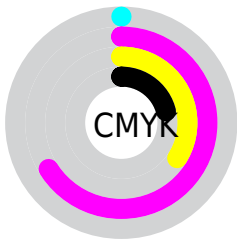
# Distribution



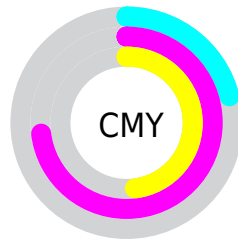
- Red (79%)
- Green (27%)
- Blue (52%)



- Red (79%)
- Yellow (27%)
- Blue (52%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (21%)



- Cyan (21%)
- Magenta (73%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13190532 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 13190532 by changing the saturation by 10% instead.



 13190532       13190532

16777215       11282027

 16743865       9371731

 16751061       7471164

 16758257       5636134

 16765695       3997713

 16773119       1835009


 0

 13190532       13190532


 13185401       13195663

 13180271

 13200793

 13175140

 13205924

 13172832

 13211054

 13216441

 13221571

 13226702

 13231832

 13236963

# Harmonies

## Analogous

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



10966963



13190532



13518931

# Triad

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



13190532



6914053



35525

# Complementary

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



13190532



4573578

# 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.



36253



13190532



2132279

# Square

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



13190532



9990400



36202



32985

# Rectangle

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



13190532



12801333



36202



36026



# Sweetspot

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



13190532



16764132



8996297



8413552



0



8421504



# Same Dimension

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



13190532



16725654



13190981



6511198



10682446



2359313



# Inverse Universe

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



13190532



16725654



4573129



6511198



10682446



2359313



# Previews

## White Background



This preview shows how the Decimal color 13190532 looks on a white background.

## Color Contrast Check

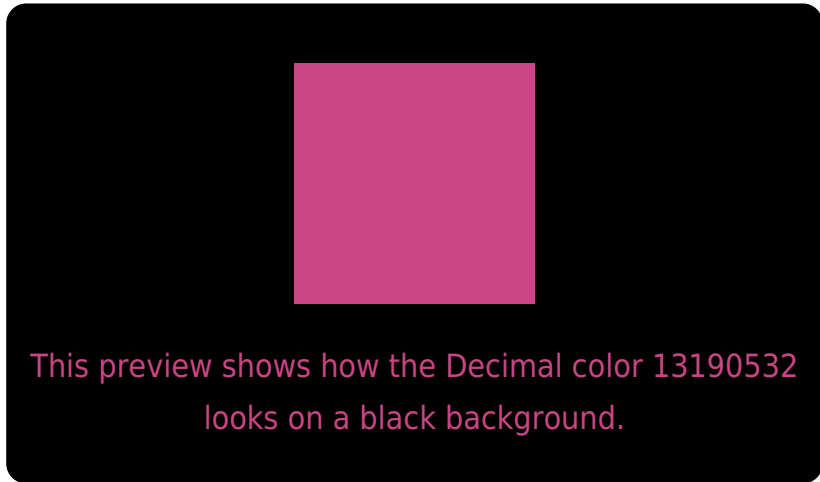
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

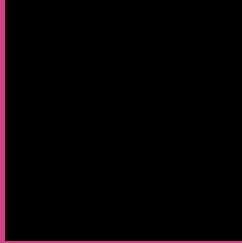
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13190532 Background



This preview shows how black text looks on a background with the Decimal color 13190532.




This preview shows how white text looks on a background with the Decimal color 13190532.

# 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](#).

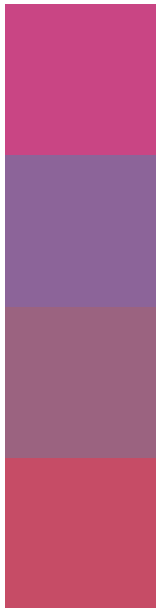
## Dichromacy





**Tritanopia**  
12931157

# Trichromacy



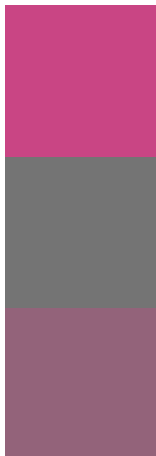
**Original Color**  
13190532

**Protanomaly**  
9200793

**Deuteranomaly**  
10183552

**Tritanomaly**  
12995686

# Monochromacy



**Original Color**  
13190532

**Achromatopsia**  
7631988

**Achromatomaly**  
9659258

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13190532 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 #C94584 looks like.

```
.text, #text, p{  
  color:#C94584  
}
```

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 #C94584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94584
}
```

## Border

The CSS property to change the border of an element to Decimal 13190532 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
#C94584 }
```

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

```
.border{ border-color:#C94584 }
```

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

Here you see how a box with a 4 pixel #C94584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94584; -webkit-box-shadow:4px 4px  
4px 4px #C94584; box-shadow:4px 4px 4px  
4px #C94584 }
```

# Background

The CSS property to change the background color of an element to Decimal 13190532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94584 }
```

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

```
.background{ background-color:#C94584 }
```

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