

Converting Colors

Decimal(12933502)

Have a look what the booklet for
Decimal(12933502) contains.

Decimal(12933502)	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(12933502)

Conversions

Conversions Part 1

Format	Color
Hex	C5597E
RGB	197, 89, 126
RGB Percent	77%, 35%, 49%
CMY	0.2275, 0.6510, 0.5059
CMYK	0.00, 0.55, 0.36, 0.23
HSL	339°, 48%, 56%
HSV	339°, 55%, 77%
XYZ	30.3642, 20.5214, 22.0993
YIQ	125.5100, 52.4910, 34.4030

Conversions

Conversions Part 2

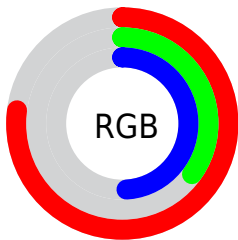
Format	Color
RYB	197, 89, 126
Decimal	12933502
CIELab	52.42, 46.88, 0.43
CIElCh	52, 46.886, 0.529
Yxy	20.5214, 0.4160, 0.2812
Android (android.graphics.Color)	4291123582 (0xFFC5597E)
YUV	125.5100, 0.2416, 62.6967
Hunter-Lab	45.3006, 40.3696, 2.7865

Details

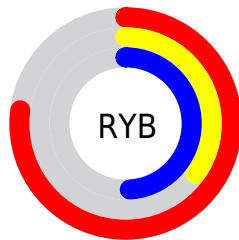
The Decimal color **12933502** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5883296**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16748467**, and **9184077** is the 20% darker color. If you saturate the color by 10%, you get **12928369**, and if you desaturate by 10%, it is **12938635**.

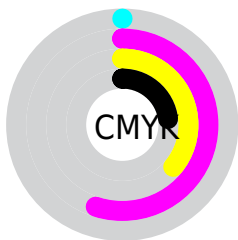
Distribution



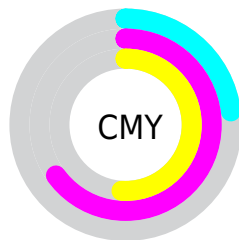
- Red (77%)
- Green (35%)
- Blue (49%)



- Red (77%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12933502 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 12933502 by changing the saturation by 10% instead.

 12933502

 12933502

16777215

 11026277

 16748467

 9184077

 16755406

 7340087

 16762602

 5505057

 16770047

 3866634

 1769473

 0

 12933502

 12933502

 12928369

 12938635

 12923492

 12943512

 12918359

 12948645

 12913226

 12953778

 12910659

 12958911

 12963788

 12968921

 12974054

 12976115

Harmonies

Analogous

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



11494053



12933502



12934742

Triad

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



12933502



6981428



35779

Complementary

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



12933502



5883296

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.



37029



12933502



3247700

Square

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



12933502



9599783



37245



2195917

Rectangle

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



12933502



12216128



37245



36282

Sweetspot

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



12933502



16766692



10443205



8415088



0



8421504

Same Dimension

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



12933502



16734096



12937561



6511197



10682424



2359308

Inverse Universe

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



12933502



16734096



5879237



6511197



10682424



2359308

Previews

White Background



This preview shows how the Decimal color 12933502 looks on a white background.

Color Contrast Check

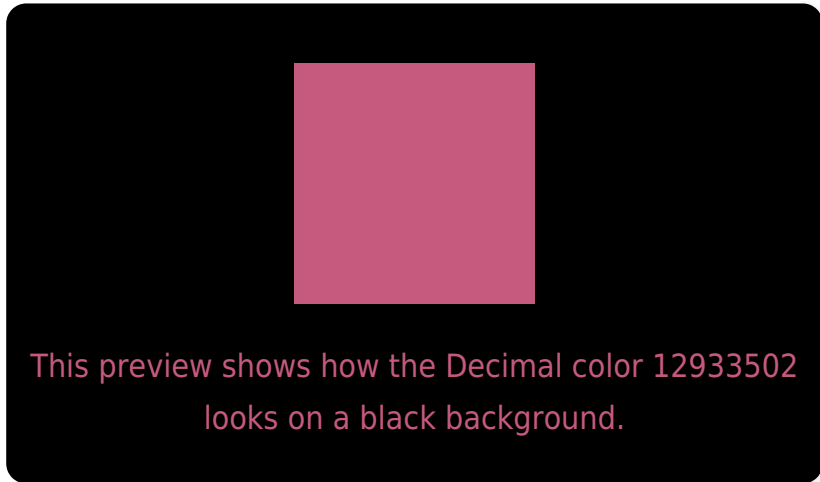
Large Text (above 18pt) WCAG AA ✓ Pass

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 12933502 Background



This preview shows how black text looks on a background with the Decimal color 12933502.



This preview shows how white text looks on a background with the Decimal color 12933502.

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
12933502

Protanopia
7962004

Deuteranopia
9140601

Trichromacy



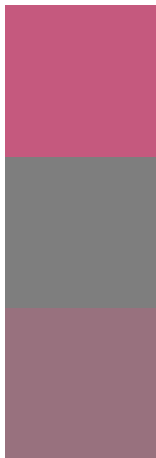
Original Color
12933502

Protanomaly
9793676

Deuteranomaly
10513787

Tritanomaly
12868717

Monochromacy



Original Color
12933502

Achromatopsia
8289918

Achromatomaly
9990526

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12933502 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 #C5597E looks like.

```
.text, #text, p{  
    color:#C5597E  
}
```

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 #C5597E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5597E
}
```

Border

The CSS property to change the border of an element to Decimal 12933502 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
#C5597E }
```

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

```
.border{ border-color:#C5597E }
```

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

Here you see how a box with a 4 pixel #C5597E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5597E; -webkit-box-shadow:4px 4px  
4px 4px #C5597E; box-shadow:4px 4px 4px  
4px #C5597E }
```

Background

The CSS property to change the background color of an element to Decimal 12933502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5597E }
```

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

```
.background{ background-color:#C5597E }
```

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