

Converting Colors

Decimal(1583740)

Have a look what the booklet for
Decimal(1583740) contains.

Decimal(1583740) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(1583740)

Conversions

Conversions Part 1	
Format	Color
Hex	182A7C
RGB	24, 42, 124
RGB Percent	9%, 16%, 49%
CMY	0.9059, 0.8353, 0.5137
CMYK	0.81, 0.66, 0.00, 0.51
HSL	229°, 68%, 29%
HSV	229°, 81%, 49%
XYZ	4.8427, 3.3054, 19.4515
YIQ	45.9660, -37.0500, 21.6860

Conversions

Conversions Part 2

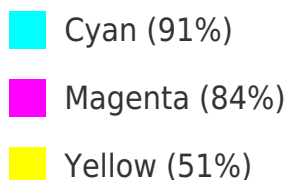
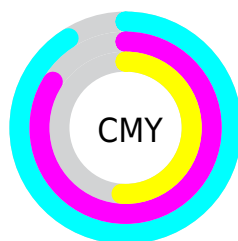
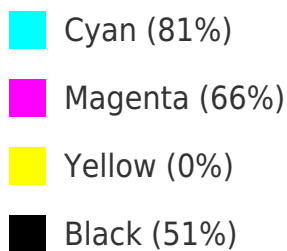
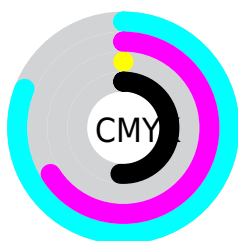
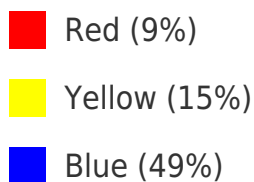
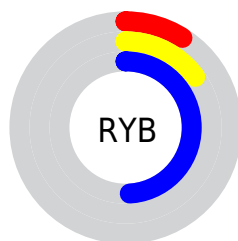
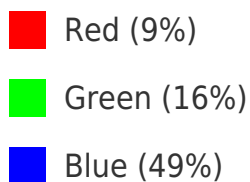
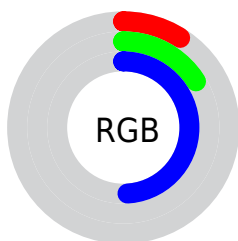
Format	Color
RYB	24, 39, 124
Decimal	1583740
CIELab	21.23, 24.90, -48.46
CIELCh	21, 54.478, 297.196
Yxy	3.3054, 0.1755, 0.1198
Android (android.graphics.Color)	4279773820 (0xFF182A7C)
YUV	45.9660, 38.4708, -19.2642
Hunter-Lab	18.1806, 15.7306, -50.7082

Details

The Decimal color **1583740** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8153624**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **5658545**, and **74** is the 20% darker color. If you saturate the color by 10%, you get **794748**, and if you desaturate by 10%, it is **2372732**.

Distribution



Brightness & Saturation

Gradients

These gradients show how the Decimal color 1583740 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 1583740 by changing the saturation by 10% instead.

 1583740

 1583740

16777215

 5731

 5658545


 74

 7499981

 1075

 9275882

 541

 11183103

 0

 13025023

 14932735

 16775167

 1583740

 1583740

■ 794748

■ 2372732

■ 5756

■ 3227260

■ 4016508

■ 4871036

■ 5660028

■ 6449020

■ 7303548

■ 8092540

■ 8947324

Harmonies

Analogous

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



14981



1583740



6096735

Triad

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



1583740



6298624



16942

Complementary

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



1583740



8153624

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.



16384



1583740



4403200

Square

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



1583740



7471121



1719040



17239

Rectangle

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



1583740



7274566



1719040



16928

Sweetspot

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



1583740



8028577



1604714



3817042



13750737



5395026

Same Dimension

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



1583740



336289



3676284



3618877



5757



11772

Inverse Universe

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



8132650



10552609



6061080



4011832



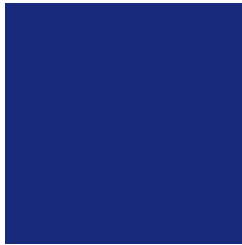
8192022



16515117

Previews

White Background



This preview shows how the Decimal color 1583740 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 ✓ Pass

Black Background



This preview shows how the Decimal color 1583740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

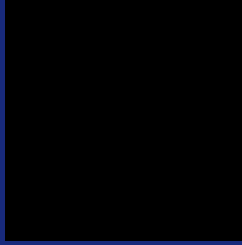
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 1583740 Background



This preview shows how black text looks on a background with the Decimal color 1583740.



This preview shows how white text looks on a background with the Decimal color 1583740.

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
1583740

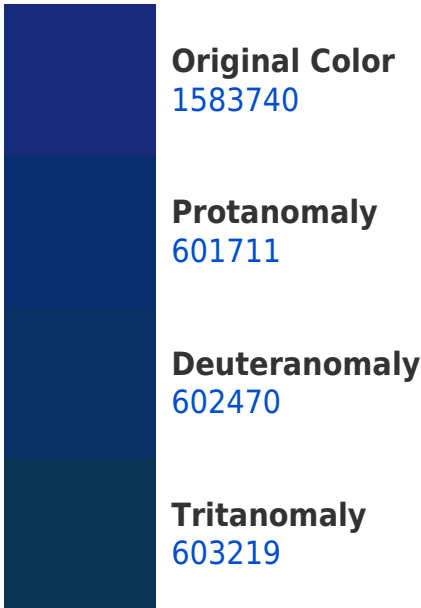
Protanopia
12648

Deuteranopia
13657



Tritanopia
14652

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1583740 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 #182A7C looks like.

```
.text, #text, p{  
    color:#182A7C  
}
```

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 #182A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182A7C
}
```

Border

The CSS property to change the border of an element to Decimal 1583740 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
#182A7C }
```

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

```
.border{ border-color:#182A7C }
```

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

Here you see how a box with a 4 pixel #182A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182A7C; -webkit-box-shadow:4px 4px  
4px 4px #182A7C; box-shadow:4px 4px 4px  
4px #182A7C }
```

Background

The CSS property to change the background color of an element to Decimal 1583740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182A7C }
```

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

```
.background{ background-color:#182A7C }
```

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