

Converting Colors

Decimal(1186750)

Have a look what the booklet for
Decimal(1186750) contains.

Decimal(1186750)	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(1186750)

Conversions

Conversions Part 1

Format	Color
Hex	121BBE
RGB	18, 27, 190
RGB Percent	7%, 11%, 75%
CMY	0.9294, 0.8941, 0.2549
CMYK	0.91, 0.86, 0.00, 0.25
HSL	237°, 83%, 41%
HSV	237°, 91%, 75%
XYZ	9.9357, 4.6302, 49.0852
YIQ	42.8910, -57.6870, 48.7850

Conversions

Conversions Part 2

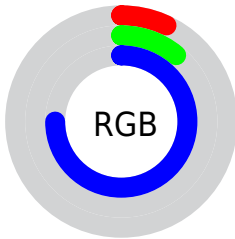
Format	Color
R_{YB}	18, 27, 190
Decimal	1186750
CIE _{Lab}	25.65, 55.99, -81.54
CIE _{LCh}	26, 98.910, 304.478
Yxy	4.6302, 0.1561, 0.0727
Android (android.graphics.Color)	4279376830 (0xFF121BBE)
YUV	42.8910, 72.5247, -21.8294
Hunter-Lab	21.5178, 44.7645, -120.1865

Details

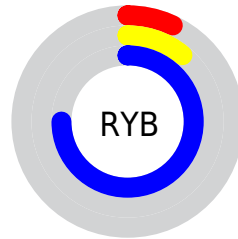
The Decimal color **1186750** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **12498194**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **6901240**, and **135** is the 20% darker color. If you saturate the color by 10%, you get **2750**, and if you desaturate by 10%, it is **2436542**.

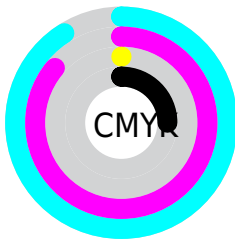
Distribution



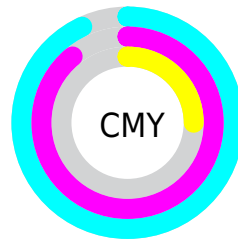
- Red (7%)
- Green (11%)
- Blue (75%)



- Red (7%)
- Yellow (11%)
- Blue (75%)



- Cyan (91%)
- Magenta (86%)
- Yellow (0%)
- Black (25%)




- Cyan (93%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1186750 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 1186750 by changing the saturation by 10% instead.

 1186750

 1186750

16777215

 162

 6901240

 135

 9004799

 109

 11043071

 2899

 13081599

 1595

 15120127

 548

 16765695

 12

 16773119

 0

 1186750

 1186750

■ 2750

■ 2436542

■ 3686334

■ 4936126

■ 6185918

■ 7435710

■ 8685502

■ 9935294

■ 11185086

■ 12434878

Harmonies

Analogous

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



18907



1186750



9830528

Triad

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



1186750



8065536



21319

Complementary

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



1186750



12498194

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.



20736



1186750



4341504

Square

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



1186750



10682368



19456



21907

Rectangle

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



1186750



11403342



19456



21036

Sweetspot

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



1186750



11909367



1228467



5592957



16579836



8224125

Same Dimension

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



1186750



3575



6099646



5592414



2206



543

Inverse Universe

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



12456475



16187405



7585298



6182229



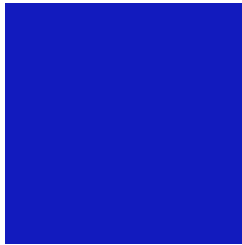
10354696



2031618

Previews

White Background



This preview shows how the Decimal color 1186750 looks on a white background.

Color Contrast Check

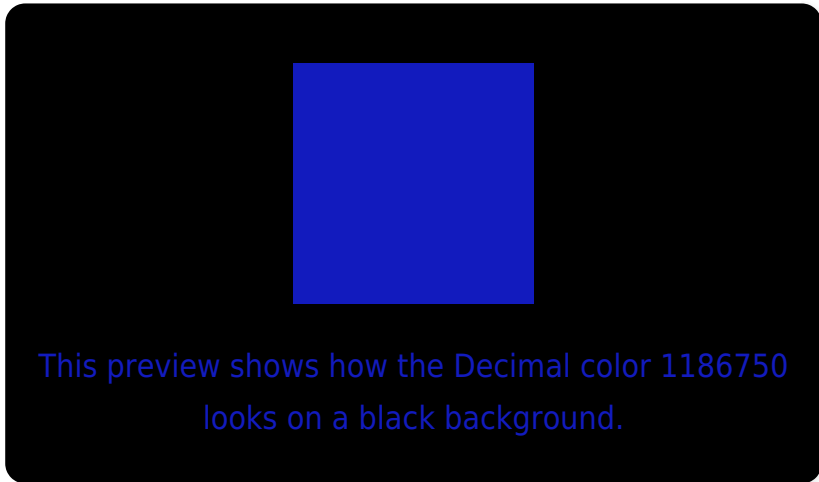
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

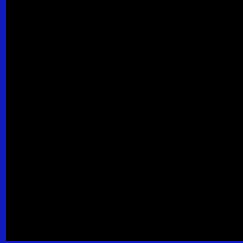
Any Text WCAG AA × Fail

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 1186750 Background



This preview shows how black text looks on a background with the Decimal color 1186750.

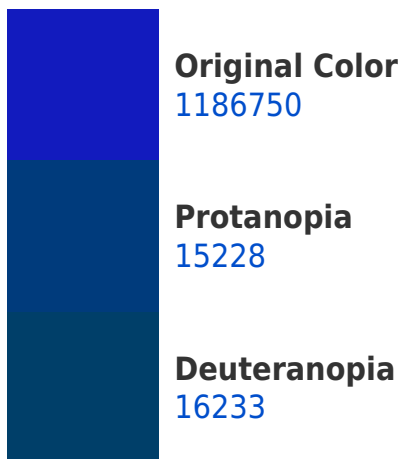


This preview shows how white text looks on a background with the Decimal color 1186750.

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
17479

Trichromacy



Original Color

1186750

Protanomaly

470932

Deuteranomaly

471688

Tritanomaly

472434

Monochromacy



Original Color

1186750

Achromatopsia

2829099

Achromatomaly

2237792

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1186750 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 #121BBE looks like.

```
.text, #text, p{  
    color:#121BBE  
}
```

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 #121BBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121BBE
}
```

Border

The CSS property to change the border of an element to Decimal 1186750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

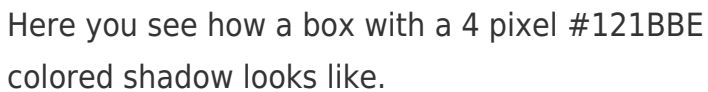
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121BBE }
```

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

```
.border{ border-color:#121BBE }
```

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



Here you see how a box with a 4 pixel #121BBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121BBE; -webkit-box-shadow:4px 4px  
4px 4px #121BBE; box-shadow:4px 4px 4px  
4px #121BBE }
```

Background

The CSS property to change the background color of an element to Decimal 1186750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121BBE }
```

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

```
.background{ background-color:#121BBE }
```

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