

Converting Colors

Decimal(1186003)

Have a look what the booklet for
Decimal(1186003) contains.

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Color

Decimal(1186003)

Conversions

Conversions Part 1

Format	Color
Hex	1218D3
RGB	18, 24, 211
RGB Percent	7%, 9%, 83%
CMY	0.9294, 0.9059, 0.1725
CMYK	0.91, 0.89, 0.00, 0.17
HSL	238°, 84%, 45%
HSV	238°, 91%, 83%
XYZ	12.3340, 5.4850, 62.0367
YIQ	43.5240, -63.6030, 56.8850

Conversions

Conversions Part 2

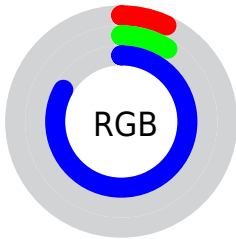
Format	Color
R_{YB}	18, 24, 211
Decimal	1186003
CIE Lab	28.07, 63.16, -89.81
CIE LCh	28, 109.800, 305.118
Yxy	5.4850, 0.1545, 0.0687
Android (android.graphics.Color)	4279376083 (0xFF1218D3)
YUV	43.5240, 82.5657, -22.3845
Hunter-Lab	23.4201, 53.0200, -140.6570

Details

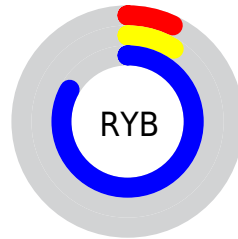
The Decimal color **1186003** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **13880594**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **7294463**, and **155** is the 20% darker color. If you saturate the color by 10%, you get **2003**, and if you desaturate by 10%, it is **2567379**.

Distribution



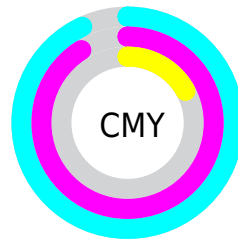
- Red (7%)
- Green (9%)
- Blue (83%)



- Red (7%)
- Yellow (9%)
- Blue (83%)



- Cyan (91%)
- Magenta (89%)
- Yellow (0%)
- Black (17%)






















- Cyan (93%)
- Magenta (91%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1186003 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 1186003 by changing the saturation by 10% instead.

 1186003	 1186003
 16777215	 182
 7294463	 155
 9463807	 128
 11567615	 2149
 13671679	 2380
 15775999	 1332
 16766207	 542
 16773631	 1
	 0

■ 1186003

■ 1186003

■ 2003

■ 2567379

■ 3949011

■ 5330387

■ 6712019

■ 8093395

■ 9540563

■ 10921939

■ 12303571

■ 13684947

Harmonies

Analogous

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



20724



1186003



11010188

Triad

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



1186003



8786432



23376

Complementary

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



1186003



13880594

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.



22528



1186003



4539648

Square

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



1186003



11796480



21504



24229

Rectangle

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



1186003



12648532



21504



23090

Sweetspot

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



1186003



12238079



1233869



5724288



0



8421504

Same Dimension

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



1186003



2303



7082707



6184553



1448



297

Inverse Universe

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



13832728



16711688



7983890



6905438



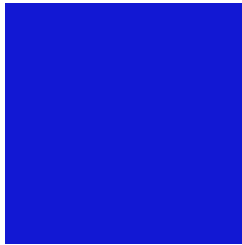
11010053



2686977

Previews

White Background



This preview shows how the Decimal color 1186003 looks on a white background.

Color Contrast Check

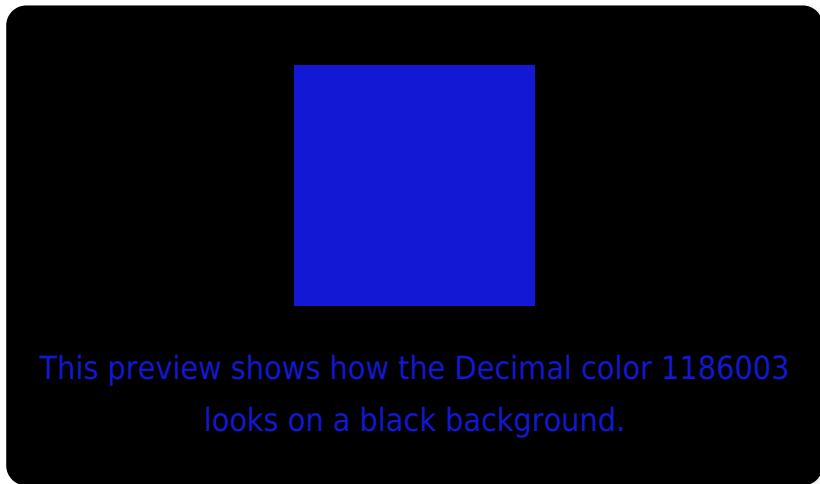
Large Text (above 18pt) WCAG AA ✓ Pass

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

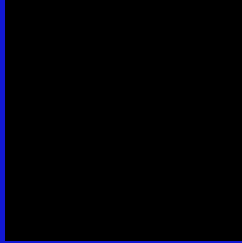
Any Text WCAG AA × Fail

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 1186003 Background



This preview shows how black text looks on a background with the Decimal color 1186003.



This preview shows how white text looks on a background with the Decimal color 1186003.

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
1186003

Protanopia
16519

Deuteranopia
17778

Trichromacy



Original Color
1186003

Protanomaly
471459

Deuteranomaly
472469

Tritanomaly
473214

Monochromacy



Original Color
1186003

Achromatopsia
2894892

Achromatomaly
2303337

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1186003 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 #1218D3 looks like.

```
.text, #text, p{  
    color:#1218D3  
}
```

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 #1218D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1218D3
}
```

Border

The CSS property to change the border of an element to Decimal 1186003 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
#1218D3 }
```

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

```
.border{ border-color:#1218D3 }
```

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

Here you see how a box with a 4 pixel #1218D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1218D3; -webkit-box-shadow:4px 4px  
4px 4px #1218D3; box-shadow:4px 4px 4px  
4px #1218D3 }
```

Background

The CSS property to change the background color of an element to Decimal 1186003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1218D3 }
```

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

```
.background{ background-color:#1218D3 }
```

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](#).

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