

Converting Colors

Decimal(12185603)

Have a look what the booklet for
Decimal(12185603) contains.

Decimal(12185603)	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(12185603)

Conversions

Conversions Part 1

Format	Color
Hex	B9F003
RGB	185, 240, 3
RGB Percent	73%, 94%, 1%
CMY	0.2745, 0.0588, 0.9882
CMYK	0.23, 0.00, 0.99, 0.06
HSL	74°, 98%, 48%
HSV	74°, 99%, 94%
XYZ	51.1841, 72.6410, 11.4096
YIQ	196.5370, 43.2970, -85.3670

Conversions

Conversions Part 2

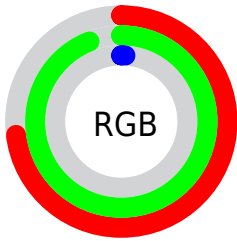
Format	Color
R_{YB}	3, 240, 58
Decimal	12185603
CIE _{Lab}	88.28, -42.68, 85.50
CIE _{LCh}	88, 95.556, 116.527
Yxy	72.6410, 0.3785, 0.5371
Android (android.graphics.Color)	4290375683 (0xFFB9F003)
YUV	196.5370, -95.4137, -10.1179
Hunter-Lab	85.2297, -41.9551, 51.7237

Details

The Decimal color **12185603** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **3802096**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16121692**, and **8304640** is the 20% darker color. If you saturate the color by 10%, you get **12120064**, and if you desaturate by 10%, it is **12578843**.

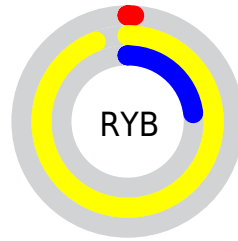
Distribution



Red (73%)

Green (94%)

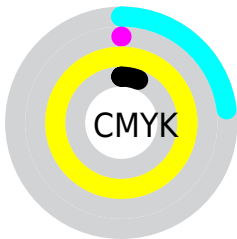
Blue (1%)



Red (1%)

Yellow (94%)

Blue (23%)

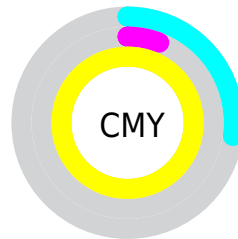


Cyan (23%)

Magenta (0%)

Yellow (99%)

Black (6%)



Cyan (27%)



















Magenta (6%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12185603 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 12185603 by changing the saturation by 10% instead.

 12185603	 12185603
 16777215	 10212352
 16121692	 8304640
 16777083	 6331648
 16777112	 4424192
 16777142	 2189568
 16777172	 20480
 16777202	 14336
	 8960
	 0

■ 12185603

■ 12185603

■ 12120064

■ 12578843

■ 12906547

■ 13299787

■ 13627491

■ 14020731

■ 14348435

■ 14741675

■ 15134915

■ 15462619

Harmonies

Analogous

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



16766464



12185603



65394

Triad

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



12185603



65535



16744172

Complementary

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



12185603



3802096

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.



16752383



12185603



60671

Square

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



12185603



65535



12897023



16746898

Rectangle

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



12185603



65456



12897023



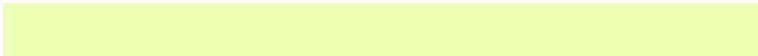
16745983

Sweetspot

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



12185603



15597491



15742467



7700562



0



8421504

Same Dimension

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



12185603



12910336



4648963



7698540



9287680



2832384

Inverse Universe

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



3802096



3866879



11338736



7302264



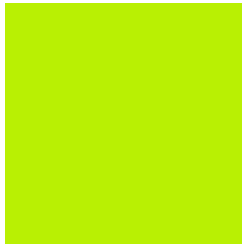
2818232



852024

Previews

White Background



This preview shows how the Decimal color 12185603 looks on a white background.

Color Contrast Check

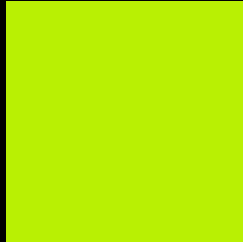
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12185603 looks on a 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 ✓ Pass

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

Decimal 12185603 Background



This preview shows how black text looks on a background with the Decimal color 12185603.

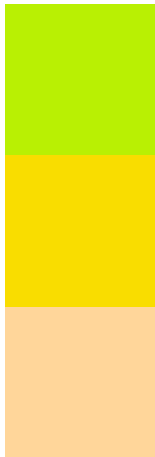


This preview shows how white text looks on a background with the Decimal color 12185603.

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](#).

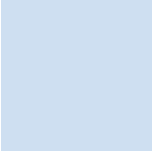
Dichromacy



Original Color
12185603

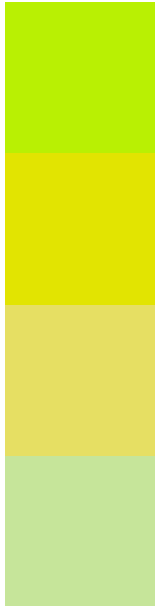
Protanopia
16375040

Deuteranopia
16766618



Tritanopia
13557745

Trichromacy



Original Color
12185603

Protanomaly
14869505

Deuteranomaly
15130467

Tritanomaly
13034906

Monochromacy



Original Color
12185603

Achromatopsia
12961221

Achromatomaly
12703102

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12185603 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 #B9F003 looks like.

```
.text, #text, p{  
    color:#B9F003  
}
```

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 #B9F003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9F003
}
```

Border

The CSS property to change the border of an element to Decimal 12185603 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
#B9F003 }
```

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

```
.border{ border-color:#B9F003 }
```

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

Here you see how a box with a 4 pixel #B9F003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9F003; -webkit-box-shadow:4px 4px  
4px 4px #B9F003; box-shadow:4px 4px 4px  
4px #B9F003 }
```

Background

The CSS property to change the background color of an element to Decimal 12185603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9F003 }
```

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

```
.background{ background-color:#B9F003 }
```

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