

Converting Colors

Decimal(12180617)

Have a look what the booklet for
Decimal(12180617) contains.

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Color

Decimal(12180617)

Conversions

Conversions Part 1

Format	Color
Hex	B9DC89
RGB	185, 220, 137
RGB Percent	73%, 86%, 54%
CMY	0.2745, 0.1373, 0.4627
CMYK	0.16, 0.00, 0.38, 0.14
HSL	85°, 54%, 70%
HSV	85°, 38%, 86%
XYZ	50.1161, 63.3068, 33.2450
YIQ	200.0730, 5.7830, -33.2330

Conversions

Conversions Part 2

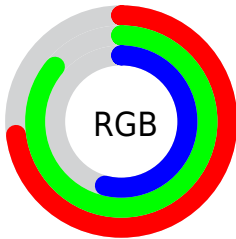
Format	Color
RYB	137, 220, 172
Decimal	12180617
CIELab	83.60, -25.39, 37.06
CIElCh	84, 44.918, 124.414
Yxy	63.3068, 0.3417, 0.4316
Android (android.graphics.Color)	4290370697 (0xFFB9DC89)
YUV	200.0730, -31.0950, -13.2190
Hunter-Lab	79.5656, -26.8076, 30.9227

Details

The Decimal color **12180617** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **11307484**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **15925183**, and **8627542** is the 20% darker color. If you saturate the color by 10%, you get **11590771**, and if you desaturate by 10%, it is **12770463**.

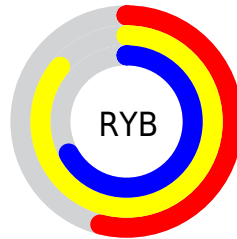
Distribution



Red (73%)

Green (86%)

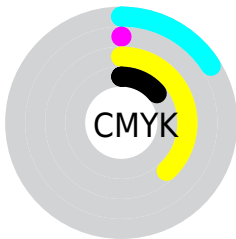
Blue (54%)



Red (54%)

Yellow (86%)

Blue (67%)

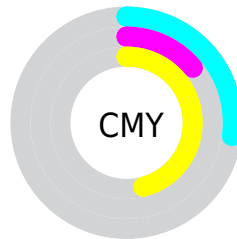


Cyan (16%)

Magenta (0%)

Yellow (38%)

Black (14%)



Cyan (27%)

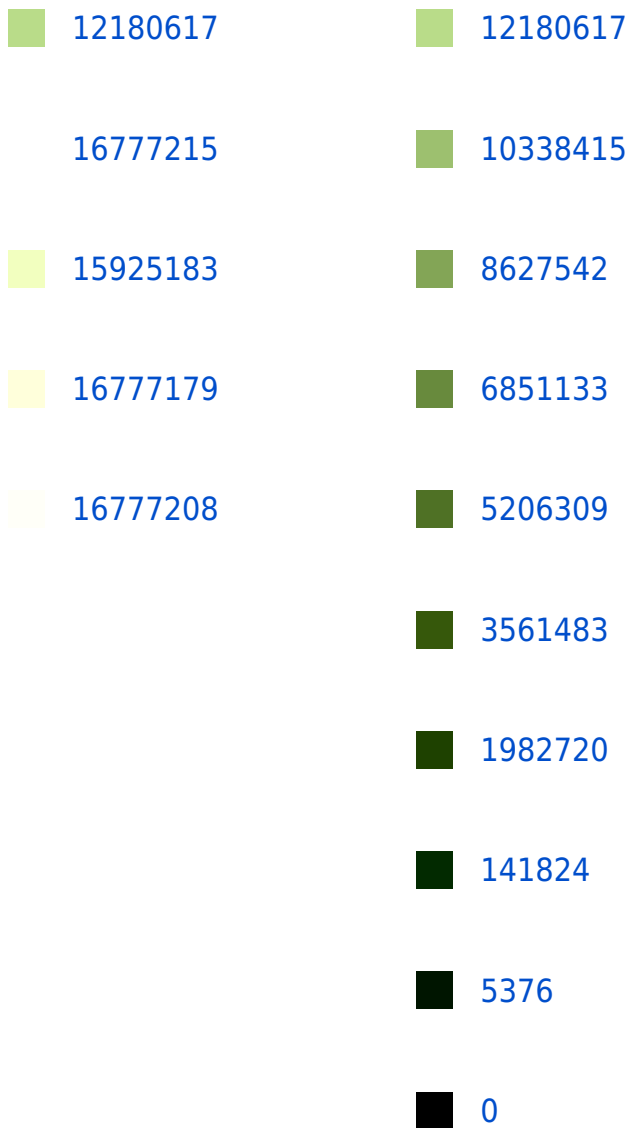
Magenta (14%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12180617 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 12180617 by changing the saturation by 10% instead.



■ 12180617

■ 12180617

■ 11590771

■ 12770463

■ 10935389

■ 13425845

■ 10345543

■ 14015691

■ 9755697

■ 14605537

■ 9165851

■ 15195383

■ 8510469

■ 15850751

■ 8379392

■ 16440575

■ 16768255

Harmonies

Analogous

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



15126651



12180617



8774826

Triad

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



12180617



5168895



16756684

Complementary

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



12180617



11307484

Split Complementary

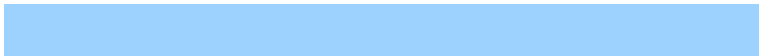
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16758262



12180617



10343167

Square

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



12180617



58879



14533631



16757923

Rectangle

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



12180617



6219463



14533631



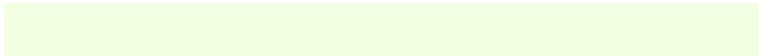
16756954

Sweetspot

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



12180617



15990755



14462089



7962735



0



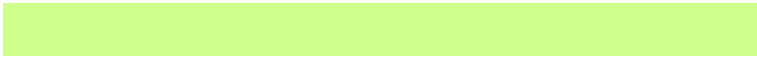
8421504

Same Dimension

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



12180617



13631372



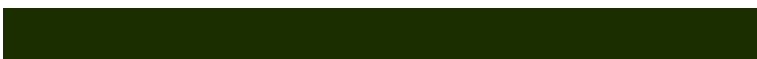
9493641



6909539



6597888



1781248

Inverse Universe

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



11307484



12422399



13994460



6775662



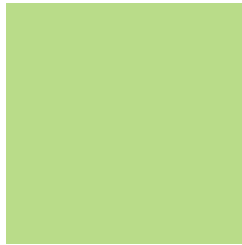
4784301



1245230

Previews

White Background



This preview shows how the Decimal color 12180617 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 12180617 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 12180617 Background



This preview shows how black text looks on a background with the Decimal color 12180617.

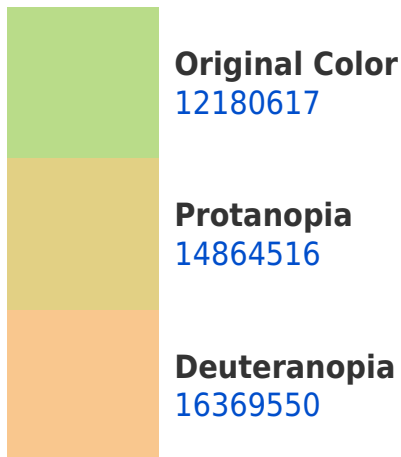


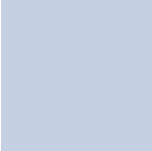
This preview shows how white text looks on a background with the Decimal color 12180617.

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](#).

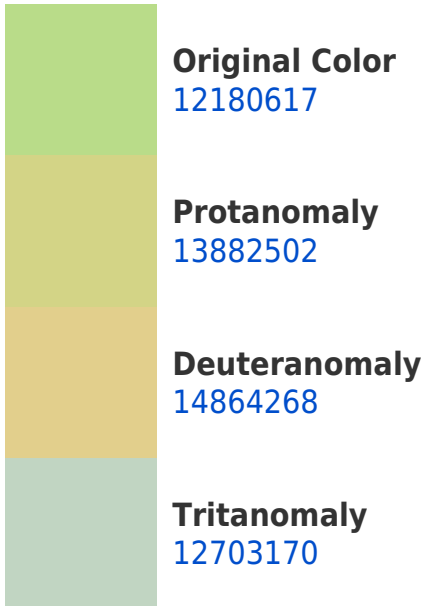
Dichromacy





Tritanopia
12964322

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12180617 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 #B9DC89 looks like.

```
.text, #text, p{  
    color:#B9DC89  
}
```

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 #B9DC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DC89
}
```

Border

The CSS property to change the border of an element to Decimal 12180617 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
#B9DC89 }
```

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

```
.border{ border-color:#B9DC89 }
```

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

Here you see how a box with a 4 pixel #B9DC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DC89; -webkit-box-shadow:4px 4px  
4px 4px #B9DC89; box-shadow:4px 4px 4px  
4px #B9DC89 }
```

Background

The CSS property to change the background color of an element to Decimal 12180617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DC89 }
```

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

```
.background{ background-color:#B9DC89 }
```

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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