

Converting Colors

Decimal(11586953)

Have a look what the booklet for
Decimal(11586953) contains.

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Color

Decimal(11586953)

Conversions

Conversions Part 1

Format	Color
Hex	B0CD89
RGB	176, 205, 137
RGB Percent	69%, 80%, 54%
CMY	0.3098, 0.1961, 0.4627
CMYK	0.14, 0.00, 0.33, 0.20
HSL	86°, 40%, 67%
HSV	86°, 33%, 80%
XYZ	44.2512, 54.6989, 31.8926
YIQ	188.5770, 4.5440, -27.2960

Conversions

Conversions Part 2

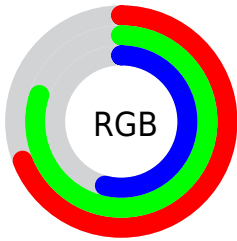
Format	Color
RYB	137, 205, 166
Decimal	11586953
CIELab	78.87, -21.39, 30.74
CIELCh	79, 37.450, 124.827
Yxy	54.6989, 0.3382, 0.4181
Android (android.graphics.Color)	4289777033 (0xFFB0CD89)
YUV	188.5770, -25.4275, -11.0300
Hunter-Lab	73.9587, -22.6271, 26.2040

Details

The Decimal color **11586953** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **10914253**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **15269823**, and **8034134** is the 20% darker color. If you saturate the color by 10%, you get **10997108**, and if you desaturate by 10%, it is **12176797**.

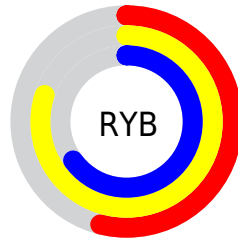
Distribution



Red (69%)

Green (80%)

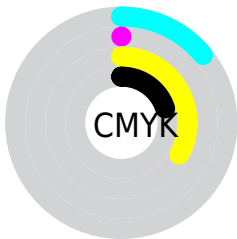
Blue (54%)



Red (54%)

Yellow (80%)

Blue (65%)

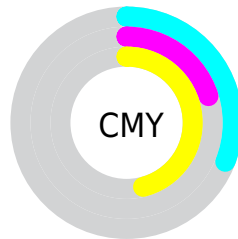


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11586953 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 11586953 by changing the saturation by 10% instead.



11586953



11586953

16777215



9810287



15269823



8034134



16777179



6389054



16777208



4744231



3165199



1717504



8192



0



11586953



11586953

■ 10997108

■ 12176797

■ 10472800

■ 12701106

■ 9882955

■ 13290951

■ 9293111

■ 13880795

■ 8703266

■ 14470640

■ 8178958

■ 14994943

■ 7785728

■ 15584767

■ 16174591

■ 16764415

Harmonies

Analogous

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



14009213



11586953



8901796

Triad

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



11586953



6737919



16755135

Complementary

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



11586953



10914253

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.



16035298



11586953



10274303

Square

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



11586953



4707818



13613308



16756125

Rectangle

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



11586953



7001788



13613308



16755147

Sweetspot

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



11586953



16056294



13477257



7962736



0



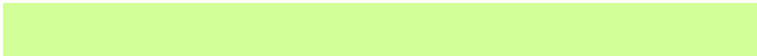
8421504

Same Dimension

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



11586953



13893529



9424265



6448732



6268416



1451520

Inverse Universe

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



10914253



12950015



13076941



6315110



4653222



1048614

Previews

White Background



This preview shows how the Decimal color 11586953 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 11586953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

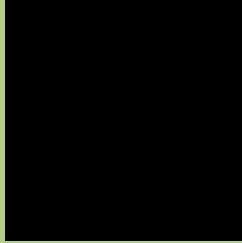
Any Text WCAG AA ✓ Pass

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 11586953 Background



This preview shows how black text looks on a background with the Decimal color 11586953.

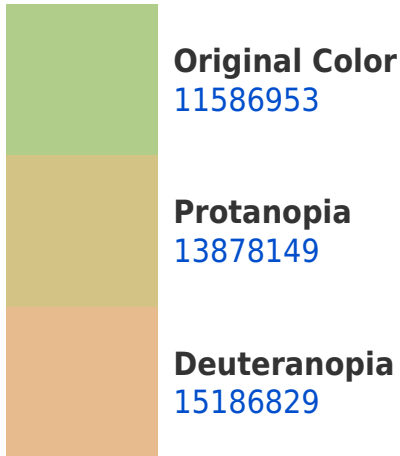


This preview shows how white text looks on a background with the Decimal color 11586953.

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



Trichromacy



Original Color
11586953

Protanomaly
13027206

Deuteranomaly
13877900

Tritanomaly
12044216

Monochromacy



Original Color
11586953

Achromatopsia
12434877

Achromatomaly
12108714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11586953 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 #B0CD89 looks like.

```
.text, #text, p{  
    color:#B0CD89  
}
```

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 #B0CD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CD89
}
```

Border

The CSS property to change the border of an element to Decimal 11586953 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
#B0CD89 }
```

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

```
.border{ border-color:#B0CD89 }
```

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

Here you see how a box with a 4 pixel #B0CD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CD89; -webkit-box-shadow:4px 4px  
4px 4px #B0CD89; box-shadow:4px 4px 4px  
4px #B0CD89 }
```

Background

The CSS property to change the background color of an element to Decimal 11586953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CD89 }
```

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

```
.background{ background-color:#B0CD89 }
```

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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