

Converting Colors

Decimal(12050512)

Have a look what the booklet for
Decimal(12050512) contains.

Decimal(12050512)	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(12050512)

Conversions

Conversions Part 1

Format	Color
Hex	B7E050
RGB	183, 224, 80
RGB Percent	72%, 88%, 31%
CMY	0.2824, 0.1216, 0.6863
CMYK	0.18, 0.00, 0.64, 0.12
HSL	77°, 70%, 60%
HSV	77°, 64%, 88%
XYZ	47.6321, 63.9578, 17.4240
YIQ	195.3250, 21.7880, -53.4760

Conversions

Conversions Part 2

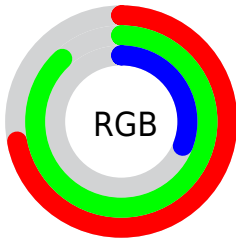
Format	Color
RYB	80, 224, 121
Decimal	12050512
CIELab	83.94, -33.64, 63.73
CIELCh	84, 72.068, 117.826
Yxy	63.9578, 0.3692, 0.4957
Android (android.graphics.Color)	4290240592 (0xFFB7E050)
YUV	195.3250, -56.8552, -10.8090
Hunter-Lab	79.9736, -33.6397, 43.0639

Details

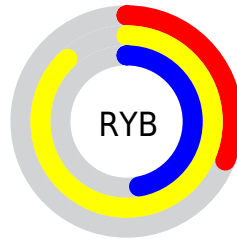
The Decimal color **12050512** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7950560**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **15925127**, and **8300814** is the 20% darker color. If you saturate the color by 10%, you get **11657274**, and if you desaturate by 10%, it is **12443750**.

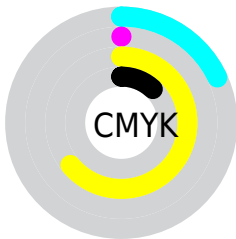
Distribution



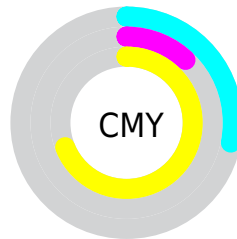
- Red (72%)
- Green (88%)
- Blue (31%)



- Red (31%)
- Yellow (88%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)




















- Cyan (28%)
- Magenta (12%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12050512 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 12050512 by changing the saturation by 10% instead.

 12050512	 12050512
 16777215	 10142771
 15925127	 8300814
 16777123	 6524416
 16777152	 4682752
 16777181	 2906880
 16777210	 607232
	 11520
	 5632
	 0

12050512

12050512

11657274

12443750

11198499

12902525

10805261

13295763

10543104

13754538

14147776

14541014

14999789

15393023

15786239

Harmonies

Analogous

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



16436287



12050512



5893254

Triad

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



12050512



60159



16749529

Complementary

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



12050512



7950560

Split Complementary

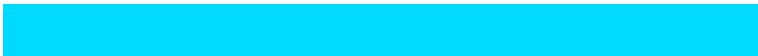
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16754175



12050512



56063

Square

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



12050512



62207



13287935



16751254

Rectangle

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



12050512



61874



13287935



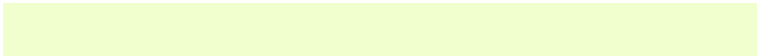
16750576

Sweetspot

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



12050512



15859663



14711120



7831650



0



8421504

Same Dimension

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



12050512



13107003



7331920



7172197



8302592



2306048

Inverse Universe

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



7950560



7551999



12669152



6841712



3276976



917552

Previews

White Background



This preview shows how the Decimal color 12050512 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 12050512 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 12050512 Background



This preview shows how black text looks on a background with the Decimal color 12050512.

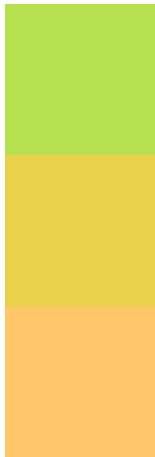


This preview shows how white text looks on a background with the Decimal color 12050512.

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
12050512

Protanopia
15323468

Deuteranopia
16762730



Tritanopia
13161186

Trichromacy



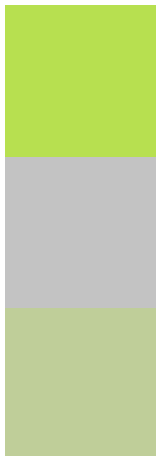
Original Color
12050512

Protanomaly
14145101

Deuteranomaly
15061089

Tritanomaly
12769197

Monochromacy



Original Color
12050512

Achromatopsia
12829635

Achromatomaly
12570265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12050512 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 #B7E050 looks like.

```
.text, #text, p{  
    color:#B7E050  
}
```

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 #B7E050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E050
}
```

Border

The CSS property to change the border of an element to Decimal 12050512 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
#B7E050 }
```

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

```
.border{ border-color:#B7E050 }
```

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

Here you see how a box with a 4 pixel #B7E050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E050; -webkit-box-shadow:4px 4px  
4px 4px #B7E050; box-shadow:4px 4px 4px  
4px #B7E050 }
```

Background

The CSS property to change the background color of an element to Decimal 12050512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E050 }
```

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

```
.background{ background-color:#B7E050 }
```

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