

Converting Colors

Decimal(12044032)

Have a look what the booklet for
Decimal(12044032) contains.

Decimal(12044032)	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(12044032)

Conversions

Conversions Part 1

Format	Color
Hex	B7C700
RGB	183, 199, 0
RGB Percent	72%, 78%, 0%
CMY	0.2824, 0.2196, 1.0000
CMYK	0.08, 0.00, 1.00, 0.22
HSL	65°, 100%, 39%
HSV	65°, 100%, 78%
XYZ	39.9519, 50.9141, 7.7217
YIQ	171.5300, 54.3430, -65.2810

Conversions

Conversions Part 2

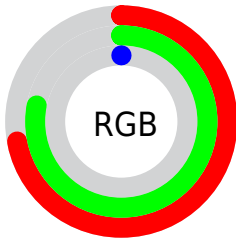
Format	Color
RYB	0, 199, 16
Decimal	12044032
CIELab	76.63, -24.71, 76.92
CIElCh	77, 80.789, 107.810
Yxy	50.9141, 0.4052, 0.5164
Android (android.graphics.Color)	4290234112 (0xFFB7C700)
YUV	171.5300, -84.5643, 10.0592
Hunter-Lab	71.3541, -24.9259, 43.5317

Details

The Decimal color **12044032** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1048775**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **15990611**, and **8229120** is the 20% darker color. If you saturate the color by 10%, you get **12044032**, and if you desaturate by 10%, it is **12175124**.

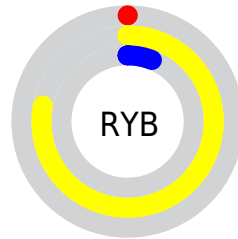
Distribution



Red (72%)

Green (78%)

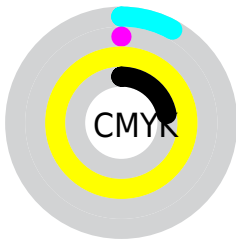
Blue (0%)



Red (0%)

Yellow (78%)

Blue (6%)

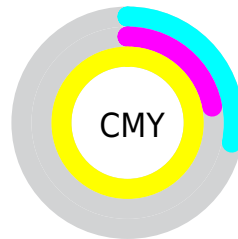


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (28%)


















Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12044032 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 12044032 by changing the saturation by 10% instead.

 12044032	 12044032
 16777215	 10136576
 15990611	 8229120
 16777072	 6387712
 16777101	 4546304
 16777130	 2770688
 16777159	 864512
 16777189	 7680
	 0

 12044032

 12175124

 12240680

 12371772

 12437328

 12568420

 12699511

 12765067

 12896159

 12961715

Harmonies

Analogous

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



16428808



12044032



5953105

Triad

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



12044032



56575



16742111

Complementary

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



12044032



1048775

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.



16291071



12044032



52991

Square

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



12044032



57577



8042239



16741524

Rectangle

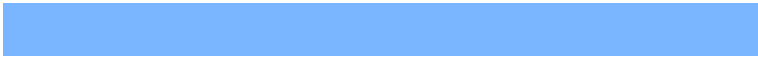
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12044032



56449



8042239



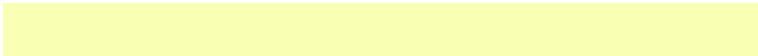
16744183

Sweetspot

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



12044032



16383923



13044992



8159314



0



8421504

Same Dimension

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



12044032



15400704



5687040



6513498



9872128



2171904

Inverse Universe

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



1048775



1376511



7405767



5921379



852131



196644

Previews

White Background



This preview shows how the Decimal color 12044032 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 12044032 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 12044032 Background



This preview shows how black text looks on a background with the Decimal color 12044032.



This preview shows how white text looks on a background with the Decimal color 12044032.

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

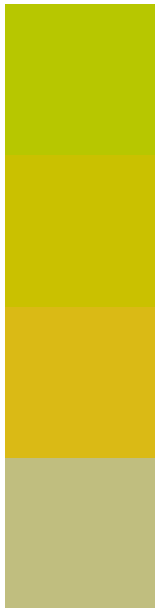


Original Color
12044032

Protanopia
14007552

Deuteranopia
15643425

Trichromacy



Original Color
12044032

Protanomaly
13287680

Deuteranomaly
14334485

Tritanomaly
12631679

Monochromacy



Original Color
12044032

Achromatopsia
11316396

Achromatomaly
11581037

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12044032 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 #B7C700 looks like.

```
.text, #text, p{  
  color:#B7C700  
}
```

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 #B7C700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C700
}
```

Border

The CSS property to change the border of an element to Decimal 12044032 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
#B7C700 }
```

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

```
.border{ border-color:#B7C700 }
```

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

Here you see how a box with a 4 pixel #B7C700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C700; -webkit-box-shadow:4px 4px  
4px 4px #B7C700; box-shadow:4px 4px 4px  
4px #B7C700 }
```

Background

The CSS property to change the background color of an element to Decimal 12044032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C700 }
```

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

```
.background{ background-color:#B7C700 }
```

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