

Converting Colors

Decimal(11720960)

Have a look what the booklet for
Decimal(11720960) contains.

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Color

Decimal(11720960)

Conversions

Conversions Part 1

Format	Color
Hex	B2D900
RGB	178, 217, 0
RGB Percent	70%, 85%, 0%
CMY	0.3020, 0.1490, 1.0000
CMYK	0.18, 0.00, 1.00, 0.15
HSL	71°, 100%, 43%
HSV	71°, 100%, 85%
XYZ	43.1730, 59.0907, 9.1302
YIQ	180.6010, 46.4130, -75.7550

Conversions

Conversions Part 2

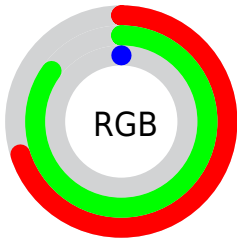
Format	Color
RYB	0, 217, 39
Decimal	11720960
CIELab	81.34, -35.22, 80.29
CIELCh	81, 87.678, 113.688
Yxy	59.0907, 0.3876, 0.5305
Android (android.graphics.Color)	4289911040 (0xFFB2D900)
YUV	180.6010, -89.0363, -2.2811
Hunter-Lab	76.8705, -34.2719, 46.7672

Details

The Decimal color **11720960** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **2556121**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **15662935**, and **7905792** is the 20% darker color. If you saturate the color by 10%, you get **11720960**, and if you desaturate by 10%, it is **11983126**.

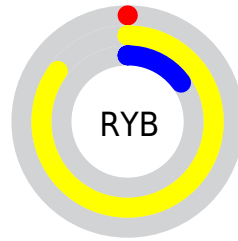
Distribution



Red (70%)

Green (85%)

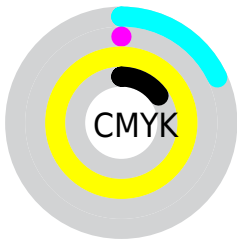
Blue (0%)



Red (0%)

Yellow (85%)

Blue (15%)

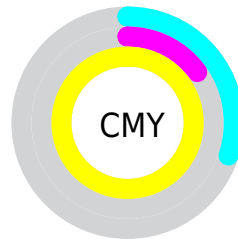


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (30%)



















Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11720960 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 11720960 by changing the saturation by 10% instead.

 11720960	 11720960
 16777215	 9813248
 15662935	 7905792
 16777076	 5998592
 16777106	 4091392
 16777135	 2119168
 16777164	 15872
 16777194	 10240
	 2304
	 0

 11720960

 11983126

 12245291

 12507457

 12769623

 12966253

 13228418

 13490584

 13752750

 14014915

Harmonies

Analogous

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



16760832



11720960



3401826

Triad

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



11720960



60159



16742111

Complementary

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



11720960



2556121

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.



16750079



11720960



55807

Square

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



11720960



61695



10796287



16743565

Rectangle

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



11720960



60825



10796287



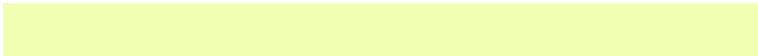
16744186

Sweetspot

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



11720960



15859635



14230528



7831634



0



8421504

Same Dimension

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



11720960



13762304



4774144



7106147



9350400



2502144

Inverse Universe

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



2556121



3014911



9502937



6644590



2031789



524334

Previews

White Background



This preview shows how the Decimal color 11720960 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 11720960 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 11720960 Background



This preview shows how black text looks on a background with the Decimal color 11720960.



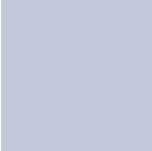
This preview shows how white text looks on a background with the Decimal color 11720960.

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](#).

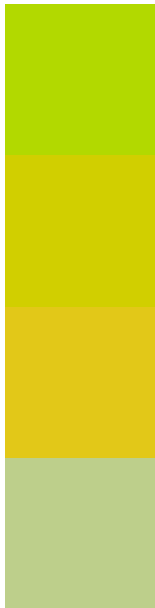
Dichromacy





Tritanopia
12896986

Trichromacy



Original Color
11720960

Protanomaly
13750016

Deuteranomaly
14862360

Tritanomaly
12439435

Monochromacy



Original Color
11720960

Achromatopsia
11908533

Achromatomaly
11846259

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11720960 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 #B2D900 looks like.

```
.text, #text, p{  
    color:#B2D900  
}
```

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 #B2D900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D900
}
```

Border

The CSS property to change the border of an element to Decimal 11720960 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
#B2D900 }
```

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

```
.border{ border-color:#B2D900 }
```

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

Here you see how a box with a 4 pixel #B2D900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D900; -webkit-box-shadow:4px 4px  
4px 4px #B2D900; box-shadow:4px 4px 4px  
4px #B2D900 }
```

Background

The CSS property to change the background color of an element to Decimal 11720960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D900 }
```

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

```
.background{ background-color:#B2D900 }
```

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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