

Converting Colors

Decimal(11720997)

Have a look what the booklet for
Decimal(11720997) contains.

Decimal(11720997)	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(11720997)

Conversions

Conversions Part 1

Format	Color
Hex	B2D925
RGB	178, 217, 37
RGB Percent	70%, 85%, 15%
CMY	0.3020, 0.1490, 0.8549
CMYK	0.18, 0.00, 0.83, 0.15
HSL	73°, 71%, 50%
HSV	73°, 83%, 85%
XYZ	43.5069, 59.2243, 10.8886
YIQ	184.8190, 34.5360, -64.2480

Conversions

Conversions Part 2

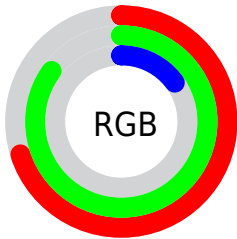
Format	Color
RYB	37, 217, 76
Decimal	11720997
CIELab	81.41, -34.55, 75.12
CIELCh	81, 82.689, 114.699
Yxy	59.2243, 0.3829, 0.5212
Android (android.graphics.Color)	4289911077 (0xFFB2D925)
YUV	184.8190, -72.8748, -5.9803
Hunter-Lab	76.9573, -33.7624, 45.4812

Details

The Decimal color **11720997** 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 **4990425**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **15597413**, and **7905792** is the 20% darker color. If you saturate the color by 10%, you get **11393295**, and if you desaturate by 10%, it is **12048699**.

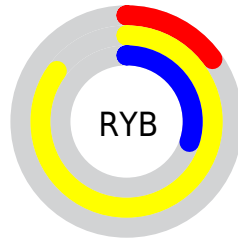
Distribution



Red (70%)

Green (85%)

Blue (15%)



Red (15%)

Yellow (85%)

Blue (30%)

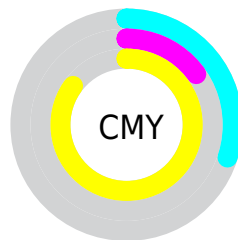


Cyan (18%)

Magenta (0%)

Yellow (83%)

Black (15%)



Cyan (30%)



















Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11720997 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 11720997 by changing the saturation by 10% instead.

 11720997	 11720997
 16777215	 9813248
 15597413	 7905792
 16777090	 6064128
 16777118	 4222464
 16777147	 2250240
 16777177	 15872
 16777206	 10240
	 2560
	 0

■ 11720997

■ 11720997

■ 11393295

■ 12048699

■ 11196672

■ 12310864

■ 12638566

■ 12966268

■ 13293970

■ 13556135

■ 13883837

■ 14211539

■ 14473704

Harmonies

Analogous

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



16564745



11720997



4188011

Triad

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



11720997



59647



16744155

Complementary

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



11720997



4990425

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.



16750847



11720997



55551

Square

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



11720997



61183



11517183



16745614

Rectangle

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



11720997



60575



11517183



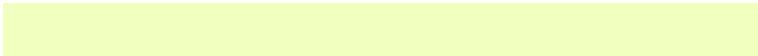
16745717

Sweetspot

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



11720997



15859647



14240805



7831641



0



8421504

Same Dimension

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



11720997



13172480



5822757



7040611



8957184



2371072

Inverse Universe

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



4990425



3604735



10888665



6644590



2490541



655406

Previews

White Background



This preview shows how the Decimal color 11720997 looks on a white background.

Color Contrast Check

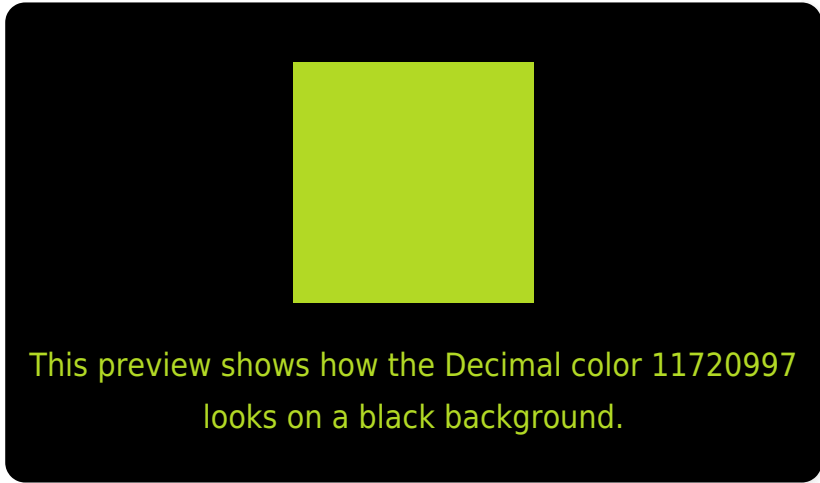
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 11720997 Background



This preview shows how black text looks on a background with the Decimal color 11720997.



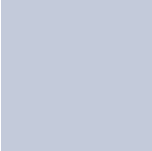
This preview shows how white text looks on a background with the Decimal color 11720997.

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
12831450

Trichromacy



Original Color
11720997

Protanomaly
13750050

Deuteranomaly
14862383

Tritanomaly
12439448

Monochromacy



Original Color
11720997

Achromatopsia
12171705

Achromatomaly
11978115

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11720997 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 #B2D925 looks like.

```
.text, #text, p{  
    color:#B2D925  
}
```

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 #B2D925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D925  
}
```

Border

The CSS property to change the border of an element to Decimal 11720997 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  
#B2D925 }
```

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

```
.border{ border-color:#B2D925 }
```

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

Here you see how a box with a 4 pixel #B2D925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D925; -webkit-box-shadow:4px 4px  
4px 4px #B2D925; box-shadow:4px 4px 4px  
4px #B2D925 }
```

Background

The CSS property to change the background color of an element to Decimal 11720997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D925 }
```

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

```
.background{ background-color:#B2D925 }
```

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