

Converting Colors

Decimal(11593254)

Have a look what the booklet for
Decimal(11593254) contains.

Decimal(11593254)	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(11593254)

Conversions

Conversions Part 1

Format	Color
Hex	B0E626
RGB	176, 230, 38
RGB Percent	69%, 90%, 15%
CMY	0.3098, 0.0980, 0.8510
CMYK	0.23, 0.00, 0.83, 0.10
HSL	77°, 79%, 53%
HSV	77°, 83%, 90%
XYZ	46.5512, 65.9637, 12.1125
YIQ	191.9660, 29.4480, -71.1600

Conversions

Conversions Part 2

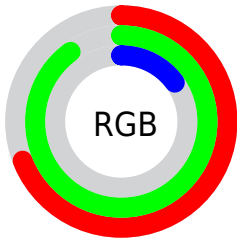
Format	Color
R_{YB}	38, 230, 92
Decimal	11593254
CIE _{Lab}	84.98, -41.12, 77.91
CIE _{LCh}	85, 88.099, 117.827
Yxy	65.9637, 0.3735, 0.5293
Android (android.graphics.Color)	4289783334 (0xFFB0E626)
YUV	191.9660, -75.9052, -14.0022
Hunter-Lab	81.2180, -39.8220, 48.0104

Details

The Decimal color **11593254** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **6039270**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **15531879**, and **7777792** is the 20% darker color. If you saturate the color by 10%, you get **11200015**, and if you desaturate by 10%, it is **11986493**.

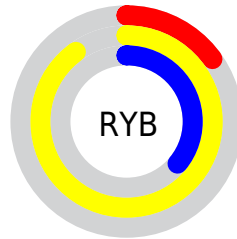
Distribution



Red (69%)

Green (90%)

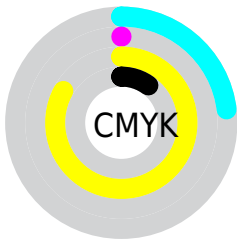
Blue (15%)



Red (15%)

Yellow (90%)

Blue (36%)

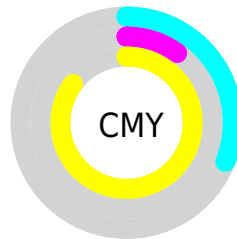


Cyan (23%)

Magenta (0%)

Yellow (83%)

Black (10%)



Cyan (31%)



















Magenta (10%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11593254 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 11593254 by changing the saturation by 10% instead.

 11593254	 11593254
 16777215	 9685504
 15531879	 7777792
 16777092	 5870336
 16777122	 3963136
 16777151	 1662976
 16777180	 18432
 16777210	 12544
	 6656
	 0

■ 11593254

■ 11593254

■ 11200015

■ 11986493

■ 10872320

■ 12445268

■ 12838507

■ 13297282

■ 13690521

■ 14149296

■ 14542535

■ 15001310

■ 15394549

Harmonies

Analogous

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



16764416



11593254



586870

Triad

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



11593254



62463



16744414

Complementary

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



11593254



6039270

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.



16751359



11593254



57599

Square

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



11593254



64255



13025791



16747148

Rectangle

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



11593254



63918



13025791



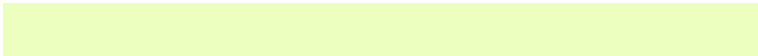
16745978

Sweetspot

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



11593254



15597503



15096102



7700569



0



8421504

Same Dimension

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



11593254



12058368



5498406



7369575



8434432



2437888

Inverse Universe

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



6039270



4718847



12134118



7038835



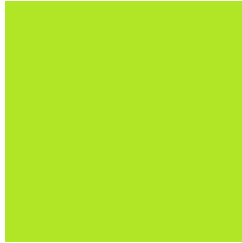
3276979



917555

Previews

White Background



This preview shows how the Decimal color 11593254 looks on a white background.

Color Contrast Check

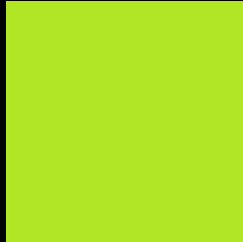
Large Text (above 18pt) WCAG AA × Fail

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 11593254 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 11593254 Background



This preview shows how black text looks on a background with the Decimal color 11593254.

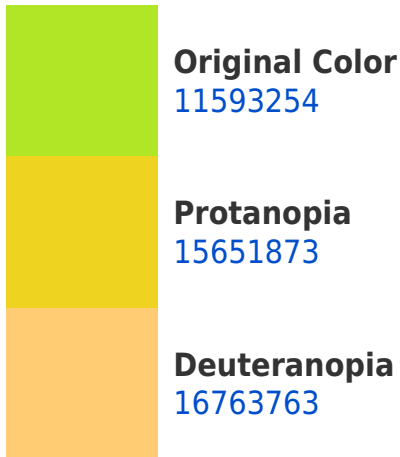


This preview shows how white text looks on a background with the Decimal color 11593254.

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](#).

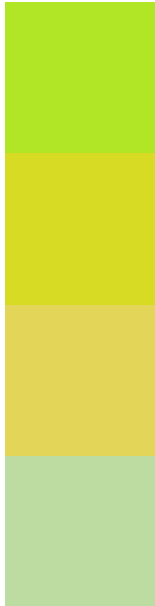
Dichromacy





Tritanopia
12900071

Trichromacy



Original Color
11593254

Protanomaly
14146339

Deuteranomaly
14865751

Tritanomaly
12442785

Monochromacy



Original Color
11593254

Achromatopsia
12632256

Achromatomaly
12242568

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11593254 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 #B0E626 looks like.

```
.text, #text, p{  
    color:#B0E626  
}
```

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 #B0E626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E626
}
```

Border

The CSS property to change the border of an element to Decimal 11593254 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
#B0E626 }
```

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

```
.border{ border-color:#B0E626 }
```

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

Here you see how a box with a 4 pixel #B0E626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E626; -webkit-box-shadow:4px 4px  
4px 4px #B0E626; box-shadow:4px 4px 4px  
4px #B0E626 }
```

Background

The CSS property to change the background color of an element to Decimal 11593254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E626 }
```

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

```
.background{ background-color:#B0E626 }
```

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