

Converting Colors

Decimal(9230120)

Have a look what the booklet for
Decimal(9230120) contains.

Decimal(9230120)	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(9230120)

Conversions

Conversions Part 1

Format	Color
Hex	8CD728
RGB	140, 215, 40
RGB Percent	55%, 84%, 16%
CMY	0.4510, 0.1569, 0.8431
CMYK	0.35, 0.00, 0.81, 0.16
HSL	86°, 69%, 50%
HSV	86°, 81%, 84%
XYZ	35.4987, 54.3295, 10.6232
YIQ	172.6250, 11.4750, -70.3250

Conversions

Conversions Part 2

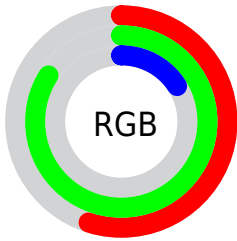
Format	Color
RYB	40, 215, 115
Decimal	9230120
CIELab	78.65, -47.91, 71.12
CIELCh	79, 85.757, 123.966
Yxy	54.3295, 0.3534, 0.5409
Android (android.graphics.Color)	4287420200 (0xFF8CD728)
YUV	172.6250, -65.3841, -28.6121
Hunter-Lab	73.7086, -43.0229, 43.0509

Details

The Decimal color **9230120** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7547095**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **13107046**, and **5414912** is the 20% darker color. If you saturate the color by 10%, you get **8640275**, and if you desaturate by 10%, it is **9819966**.

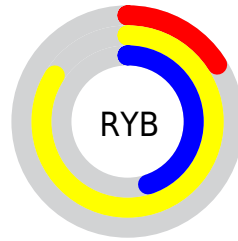
Distribution



Red (55%)

Green (84%)

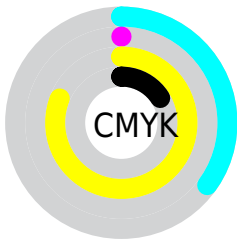
Blue (16%)



Red (16%)

Yellow (84%)

Blue (45%)

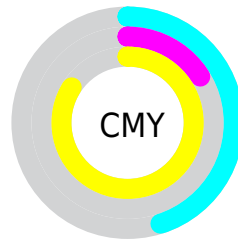


Cyan (35%)

Magenta (0%)

Yellow (81%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9230120 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 9230120 by changing the saturation by 10% instead.



9230120



9230120

16777215



7322368



13107046



5414912



15007618



3310848



16777119



486144



16777148



20992



16777177



14848



16777206



9216



0



9230120



9230120

8640275

9819966

8115968

10409811

11065193

11655038

12244884

12834729

13490111

14079956

14669802

Harmonies

Analogous

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



14664448



9230120



57976

Triad

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



9230120



56831



16740027

Complementary

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



9230120



7547095

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.



16745215



9230120



51711

Square

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



9230120



59135



13609215



16744558

Rectangle

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



9230120



59055



13609215



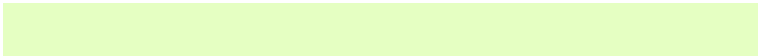
16740822

Sweetspot

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



9230120



15073218



14119208



7372891



0



8421504

Same Dimension

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



9230120



9764613



3659560



6777696



6466304



1649408

Inverse Universe

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



7547095



7341567



13117655



6643819



4784299



1245227

Previews

White Background



This preview shows how the Decimal color 9230120 looks on a white background.

Color Contrast Check

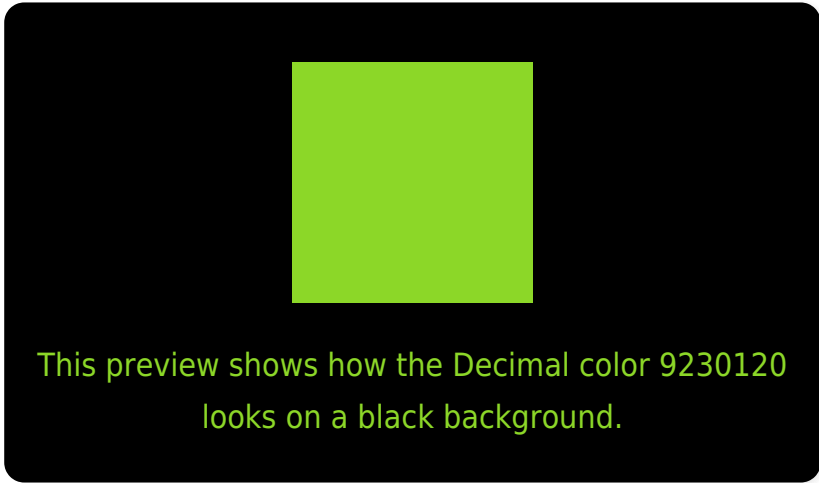
Large Text (above 18pt) WCAG AA × Fail

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 9230120 Background



This preview shows how black text looks on a background with the Decimal color 9230120.

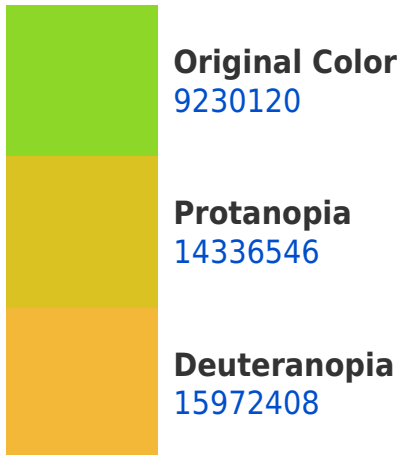


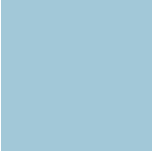
This preview shows how white text looks on a background with the Decimal color 9230120.

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
10668248

Trichromacy



Original Color
9230120



Protanomaly
12503588



Deuteranomaly
13550386

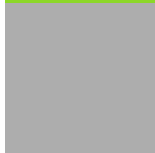


Tritanomaly
10145176

Monochromacy



Original Color
9230120



Achromatopsia
11382189



Achromatomaly
10599549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9230120 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 #8CD728 looks like.

```
.text, #text, p{  
    color:#8CD728  
}
```

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 #8CD728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD728
}
```

Border

The CSS property to change the border of an element to Decimal 9230120 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
#8CD728 }
```

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

```
.border{ border-color:#8CD728 }
```

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

Here you see how a box with a 4 pixel #8CD728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD728; -webkit-box-shadow:4px 4px  
4px 4px #8CD728; box-shadow:4px 4px 4px  
4px #8CD728 }
```

Background

The CSS property to change the background color of an element to Decimal 9230120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD728 }
```

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

```
.background{ background-color:#8CD728 }
```

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