

Converting Colors

Decimal(9368460)

Have a look what the booklet for
Decimal(9368460) contains.

Decimal(9368460)	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(9368460)

Conversions

Conversions Part 1

Format	Color
Hex	8EF38C
RGB	142, 243, 140
RGB Percent	56%, 95%, 55%
CMY	0.4431, 0.0471, 0.4510
CMYK	0.42, 0.00, 0.42, 0.05
HSL	119°, 81%, 75%
HSV	119°, 42%, 95%
XYZ	47.9395, 71.7454, 36.1325
YIQ	201.0590, -27.1330, -53.4450

Conversions

Conversions Part 2

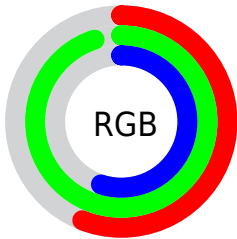
Format	Color
RYB	140, 243, 241
Decimal	9368460
CIELab	87.85, -49.61, 40.58
CIELCh	88, 64.089, 140.716
Yxy	71.7454, 0.3077, 0.4604
Android (android.graphics.Color)	4287558540 (0xFF8EF38C)
YUV	201.0590, -30.1021, -51.7947
Hunter-Lab	84.7027, -47.2032, 33.9999

Details

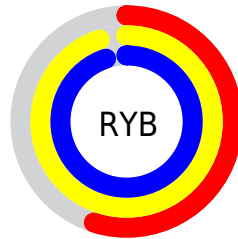
The Decimal color **9368460** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **15830259**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **13172675**, and **5618264** is the 20% darker color. If you saturate the color by 10%, you get **7795572**, and if you desaturate by 10%, it is **10941348**.

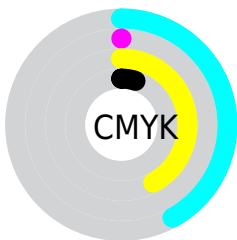
Distribution



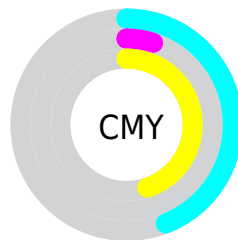
- Red (56%)
- Green (95%)
- Blue (55%)



- Red (55%)
- Yellow (95%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9368460 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 9368460 by changing the saturation by 10% instead.

 9368460

 9368460

16777215

 7460466

 13172675

 5618264

 15073247

 3579711

16777212

 820262

 27145

 20736

 14336

 8704

 0

 9368460


 9368460

 7795572

 10941348

 6222683

 12514237

 4715331

 14021589

 3142443

 15594477

 1569555

 16774143

 389888

Harmonies

Analogous

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



14083685



9368460



64199

Triad

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



9368460



59647



16755380

Complementary

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



9368460



15830259

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.



16755442



9368460



12702975

Square

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



9368460



62975



16760063



16759936

Rectangle

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



9368460



64497



16760063



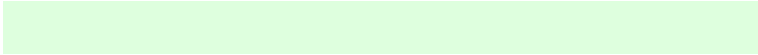
16754889

Sweetspot

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



9368460



14614494



15986828



7045227



0



8421504

Same Dimension

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



9368460



8388477



9237436



7240302



309760



80640

Inverse Universe

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



15830259



16547327



15961283



8023674



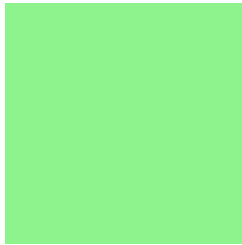
11993274



3801147

Previews

White Background



This preview shows how the Decimal color 9368460 looks on a white background.

Color Contrast Check

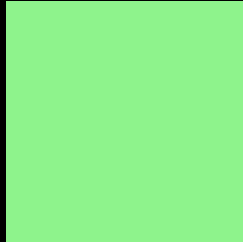
Large Text (above 18pt) WCAG AA × Fail

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 9368460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

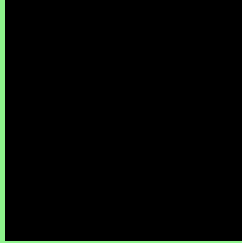
Any Text WCAG AA ✓ Pass

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 9368460 Background



This preview shows how black text looks on a background with the Decimal color 9368460.



This preview shows how white text looks on a background with the Decimal color 9368460.

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



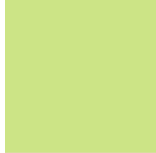


Tritanopia
10807033

Trichromacy



Original Color
9368460



Protanomaly
13427846



Deuteranomaly
14081947

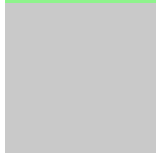


Tritanomaly
10283985

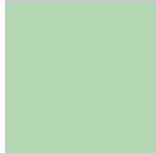
Monochromacy



Original Color
9368460



Achromatopsia
13224393



Achromatomaly
11851955

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9368460 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 #8EF38C looks like.

```
.text, #text, p{  
    color:#8EF38C  
}
```

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 #8EF38C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EF38C
}
```

Border

The CSS property to change the border of an element to Decimal 9368460 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
#8EF38C }
```

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

```
.border{ border-color:#8EF38C }
```

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

Here you see how a box with a 4 pixel #8EF38C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EF38C; -webkit-box-shadow:4px 4px  
4px 4px #8EF38C; box-shadow:4px 4px 4px  
4px #8EF38C }
```

Background

The CSS property to change the background color of an element to Decimal 9368460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EF38C }
```

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

```
.background{ background-color:#8EF38C }
```

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