

Converting Colors

Decimal(4718352)

Have a look what the booklet for
Decimal(4718352) contains.

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Color

Decimal(4718352)

Conversions

Conversions Part 1

Format	Color
Hex	47FF10
RGB	71, 255, 16
RGB Percent	28%, 100%, 6%
CMY	0.7216, 0.0000, 0.9373
CMYK	0.72, 0.00, 0.94, 0.00
HSL	106°, 100%, 53%
HSV	106°, 94%, 100%
XYZ	38.4521, 72.8970, 12.5341
YIQ	172.7380, -32.9450, -113.3370

Conversions

Conversions Part 2

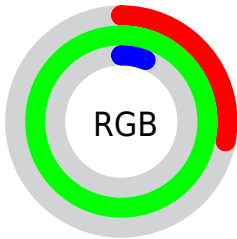
Format	Color
RYB	16, 255, 200
Decimal	4718352
CIELab	88.40, -80.20, 82.71
CIELCh	88, 115.203, 134.117
Yxy	72.8970, 0.3104, 0.5884
Android (android.graphics.Color)	4282908432 (0xFF47FF10)
YUV	172.7380, -77.2718, -89.2242
Hunter-Lab	85.3797, -69.0244, 51.0618

Details

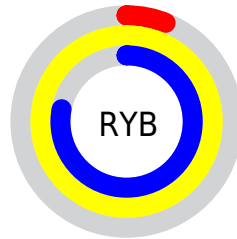
The Decimal color **4718352** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **13111551**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **9633632**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **3931904**, and if you desaturate by 10%, it is **6029098**.

Distribution



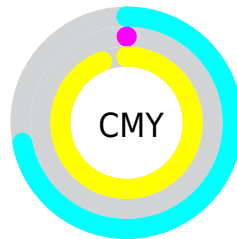
- Red (28%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)

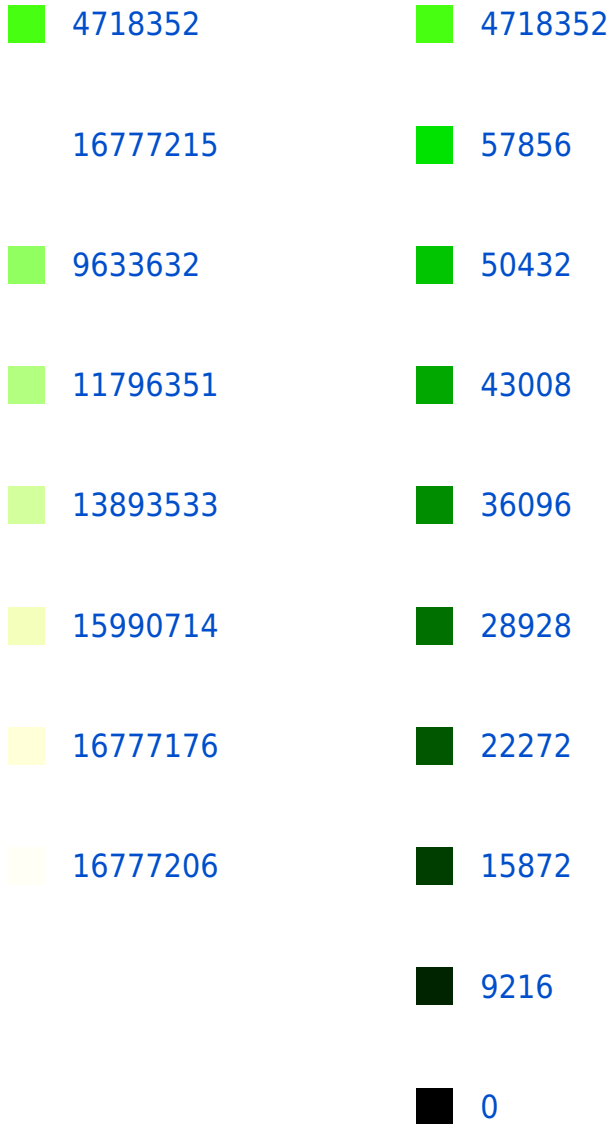


- Cyan (72%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4718352 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 4718352 by changing the saturation by 10% instead.



■ 4718352

■ 4718352

■ 3931904

■ 6029098

■ 7274307

■ 8585053

■ 9895798

■ 11141008

■ 12451753

■ 13696963

■ 15007708

■ 16318454

Harmonies

Analogous

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



14412032



4718352



65437

Triad

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



4718352



64511



16732591

Complementary

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



4718352



13111551

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.



16737023



4718352



56063

Square

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



4718352



65535



16753919



16747332

Rectangle

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



4718352



65515



16753919



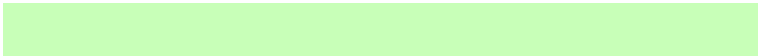
16730836

Sweetspot

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



4718352



13172664



16762640



6193236



0



8421504

Same Dimension

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



4718352



3931904



1113936



7766131



2932480



999424

Inverse Universe

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



13111551



12845311



16715967



8221568



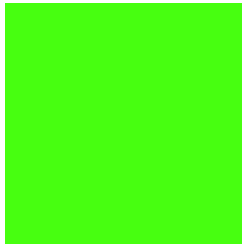
9633983



3211328

Previews

White Background



This preview shows how the Decimal color 4718352 looks on a white background.

Color Contrast Check

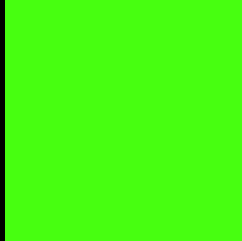
Large Text (above 18pt) WCAG AA × Fail

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 4718352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

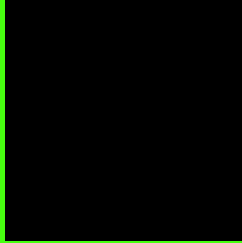
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

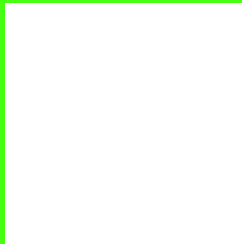
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4718352 Background



This preview shows how black text looks on a background with the Decimal color 4718352.

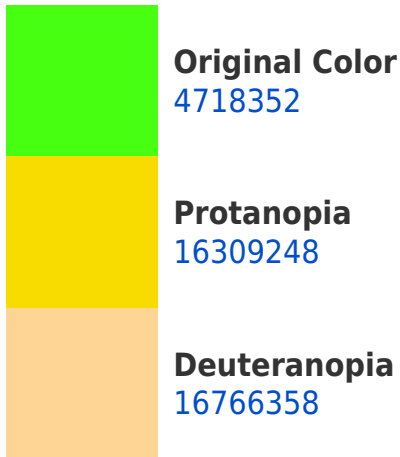


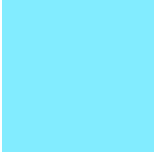
This preview shows how white text looks on a background with the Decimal color 4718352.

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](#).

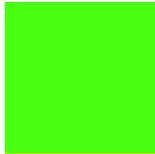
Dichromacy





Tritanopia
8580351

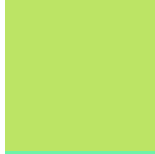
Trichromacy



Original Color
4718352



Protanomaly
12118278

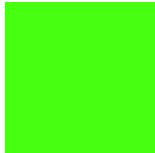


Deuteranomaly
12379237



Tritanomaly
7205800

Monochromacy



Original Color
4718352



Achromatopsia
11382189



Achromatomaly
8964980

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4718352 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 #47FF10 looks like.

```
.text, #text, p{  
  color:#47FF10  
}
```

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 #47FF10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FF10
}
```

Border

The CSS property to change the border of an element to Decimal 4718352 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
#47FF10 }
```

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

```
.border{ border-color:#47FF10 }
```

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

Here you see how a box with a 4 pixel #47FF10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FF10; -webkit-box-shadow:4px 4px  
4px 4px #47FF10; box-shadow:4px 4px 4px  
4px #47FF10 }
```

Background

The CSS property to change the background color of an element to Decimal 4718352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FF10 }
```

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

```
.background{ background-color:#47FF10 }
```

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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