

Converting Colors

Decimal(4718420)

Have a look what the booklet for
Decimal(4718420) contains.

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Color

Decimal(4718420)

Conversions

Conversions Part 1

Format	Color
Hex	47FF54
RGB	71, 255, 84
RGB Percent	28%, 100%, 33%
CMY	0.7216, 0.0000, 0.6706
CMYK	0.72, 0.00, 0.67, 0.00
HSL	124°, 100%, 64%
HSV	124°, 72%, 100%
XYZ	39.9588, 73.4997, 20.4683
YIQ	180.4900, -54.7730, -92.1890

Conversions

Conversions Part 2

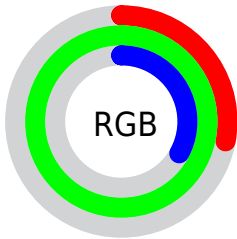
Format	Color
RYB	71, 243, 255
Decimal	4718420
CIELab	88.69, -76.66, 65.92
CIELCh	89, 101.110, 139.309
Yxy	73.4997, 0.2984, 0.5488
Android (android.graphics.Color)	4282908500 (0xFF47FF54)
YUV	180.4900, -47.5696, -96.0227
Hunter-Lab	85.7320, -66.8339, 45.8570

Details

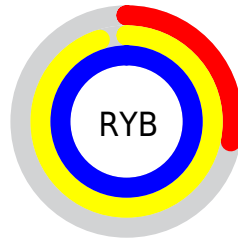
The Decimal color **4718420** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **16730098**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **9502605**, and **50447** is the 20% darker color. If you saturate the color by 10%, you get **3079996**, and if you desaturate by 10%, it is **6422380**.

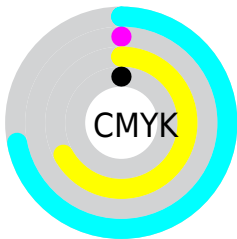
Distribution



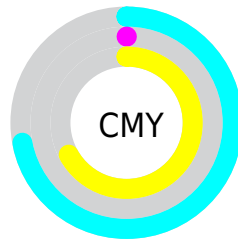
- Red (28%)
- Green (100%)
- Blue (33%)



- Red (28%)
- Yellow (95%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4718420 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 4718420 by changing the saturation by 10% instead.



■ 4718420

■ 4718420

■ 3079996

■ 6422380

■ 1376037

■ 8060803

■ 65298

■ 9699227

■ 11403187

■ 13107146

■ 14745570

■ 16449530

16777215

Harmonies

Analogous

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



13626624



4718420



65464

Triad

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



4718420



62719



16743077

Complementary

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



4718420



16730098

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.



16743167



4718420



9032959

Square

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



4718420



65535



16754431



16753483

Rectangle

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



4718420



65531



16754431



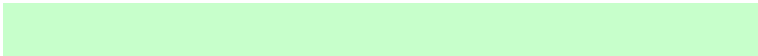
16741317

Sweetspot

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



4718420



13107147



15990599



6193249



0



8421504

Same Dimension

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



4718420



2228017



4718511



7569524



48910



16389

Inverse Universe

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



16730098



16720367



16730007



8418175



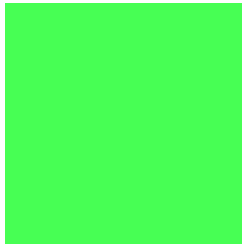
12517554



4194363

Previews

White Background



This preview shows how the Decimal color 4718420 looks on a white background.

Color Contrast Check

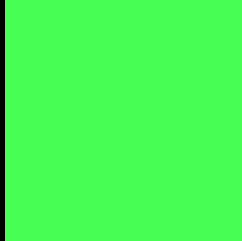
Large Text (above 18pt) WCAG AA × Fail

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 4718420 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 4718420 Background



This preview shows how black text looks on a background with the Decimal color 4718420.



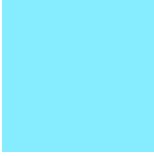
This preview shows how white text looks on a background with the Decimal color 4718420.

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
8777215

Trichromacy



Original Color
4718420



Protanomaly
12052814

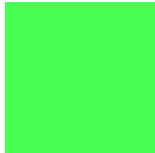


Deuteranomaly
12379523



Tritanomaly
7271617

Monochromacy



Original Color
4718420



Achromatopsia
11842740



Achromatomaly
9228177

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4718420 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 #47FF54 looks like.

```
.text, #text, p{  
    color:#47FF54  
}
```

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 #47FF54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FF54
}
```

Border

The CSS property to change the border of an element to Decimal 4718420 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
#47FF54 }
```

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

```
.border{ border-color:#47FF54 }
```

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

Here you see how a box with a 4 pixel #47FF54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FF54; -webkit-box-shadow:4px 4px  
4px 4px #47FF54; box-shadow:4px 4px 4px  
4px #47FF54 }
```

Background

The CSS property to change the background color of an element to Decimal 4718420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FF54 }
```

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

```
.background{ background-color:#47FF54 }
```

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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