

Converting Colors

Decimal(4713304)

Have a look what the booklet for
Decimal(4713304) contains.

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Color

Decimal(4713304)

Conversions

Conversions Part 1

Format	Color
Hex	47EB58
RGB	71, 235, 88
RGB Percent	28%, 92%, 35%
CMY	0.7216, 0.0784, 0.6549
CMYK	0.70, 0.00, 0.63, 0.08
HSL	126°, 80%, 60%
HSV	126°, 70%, 92%
XYZ	34.0683, 61.4608, 19.3001
YIQ	169.2060, -50.5570, -80.4850

Conversions

Conversions Part 2

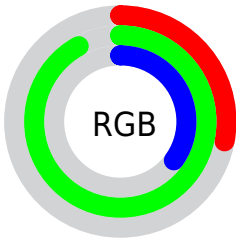
Format	Color
RYB	71, 220, 235
Decimal	4713304
CIELab	82.63, -69.94, 57.70
CIElCh	83, 90.666, 140.478
Yxy	61.4608, 0.2967, 0.5352
Android (android.graphics.Color)	4282903384 (0xFF47EB58)
YUV	169.2060, -40.0346, -86.1267
Hunter-Lab	78.3970, -59.6254, 40.2816

Details

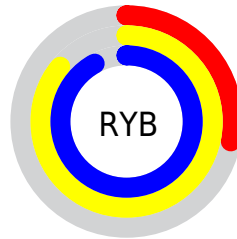
The Decimal color **4713304** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **15419354**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **9174927**, and **45597** is the 20% darker color. If you saturate the color by 10%, you get **3205955**, and if you desaturate by 10%, it is **6220653**.

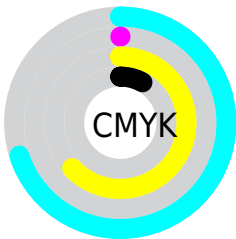
Distribution



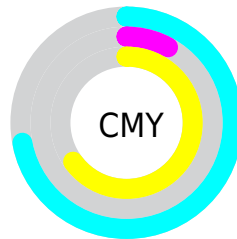
- Red (28%)
- Green (92%)
- Blue (35%)



- Red (28%)
- Yellow (86%)
- Blue (92%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4713304 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 4713304 by changing the saturation by 10% instead.

4713304

4713304

16777215

1035836

9174927

45597

11272107

38400

13303751

31488

15335396

24576

18176

12032

4352

0

■ 4713304

■ 4713304

■ 3205955

■ 6220653

■ 1633070

■ 7793538

■ 60185

■ 9300887

■ 60184

■ 10873772

■ 12381121

■ 13954006

■ 15526891

■ 16772095

Harmonies

Analogous

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



12507904



4713304



62383

Triad

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



4713304



57599



16742807

Complementary

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



4713304



15419354

Split Complementary

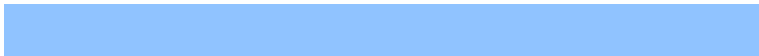
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16742381



4713304



9487359

Square

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



4713304



61439



16751615



16751433

Rectangle

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



4713304



62954



16751615



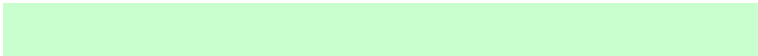
16741299

Sweetspot

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



4713304



13238223



14412615



6324323



0



8421504

Same Dimension

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



4713304



2752319



4713385



6976875



46355



13830

Inverse Universe

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



15419354



16722409



15419273



7694964



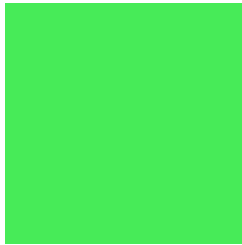
11862178



3538992

Previews

White Background



This preview shows how the Decimal color 4713304 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 4713304 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 4713304 Background



This preview shows how black text looks on a background with the Decimal color 4713304.

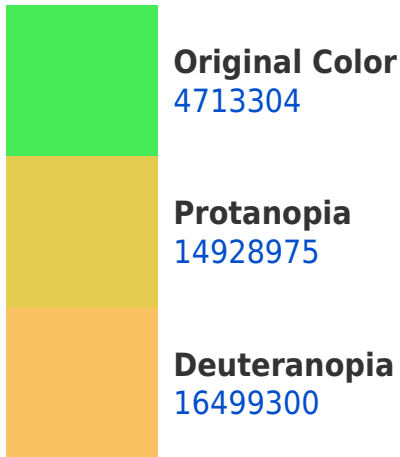


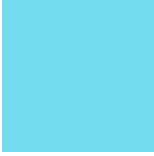
This preview shows how white text looks on a background with the Decimal color 4713304.

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



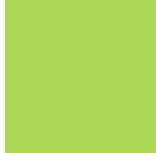


Tritanopia
7593198

Trichromacy



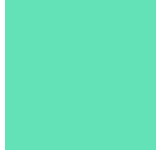
Original Color
4713304



Protanomaly
11196242

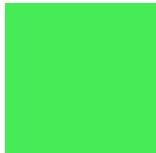


Deuteranomaly
12243296

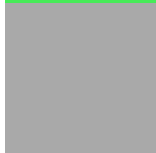


Tritanomaly
6545847

Monochromacy



Original Color
4713304



Achromatopsia
11119017



Achromatomaly
8765836

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4713304 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 #47EB58 looks like.

```
.text, #text, p{  
    color:#47EB58  
}
```

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 #47EB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47EB58
}
```

Border

The CSS property to change the border of an element to Decimal 4713304 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
#47EB58 }
```

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

```
.border{ border-color:#47EB58 }
```

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

Here you see how a box with a 4 pixel #47EB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47EB58; -webkit-box-shadow:4px 4px  
4px 4px #47EB58; box-shadow:4px 4px 4px  
4px #47EB58 }
```

Background

The CSS property to change the background color of an element to Decimal 4713304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47EB58 }
```

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

```
.background{ background-color:#47EB58 }
```

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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