

Converting Colors

Decimal(6029188)

Have a look what the booklet for
Decimal(6029188) contains.

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Color

Decimal(6029188)

Conversions

Conversions Part 1

Format	Color
Hex	5BFF84
RGB	91, 255, 132
RGB Percent	36%, 100%, 52%
CMY	0.6431, 0.0000, 0.4824
CMYK	0.64, 0.00, 0.48, 0.00
HSL	135°, 100%, 68%
HSV	135°, 64%, 100%
XYZ	44.2392, 75.4101, 34.0538
YIQ	191.9420, -58.2610, -73.0210

Conversions

Conversions Part 2

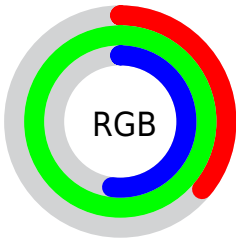
Format	Color
RYB	91, 222, 255
Decimal	6029188
CIELab	89.58, -67.62, 46.28
CIELCh	90, 81.941, 145.608
Yxy	75.4101, 0.2878, 0.4906
Android (android.graphics.Color)	4284219268 (0xFF5BFF84)
YUV	191.9420, -29.5514, -88.5261
Hunter-Lab	86.8390, -61.0332, 37.5368

Details

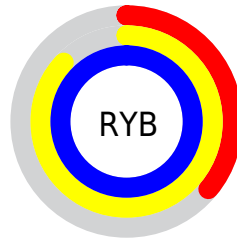
The Decimal color **6029188** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16735190**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **10289083**, and **50511** is the 20% darker color. If you saturate the color by 10%, you get **4390769**, and if you desaturate by 10%, it is **7733143**.

Distribution



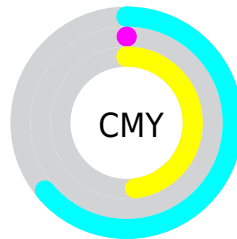
- Red (36%)
- Green (100%)
- Blue (52%)



- Red (36%)
- Yellow (87%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)

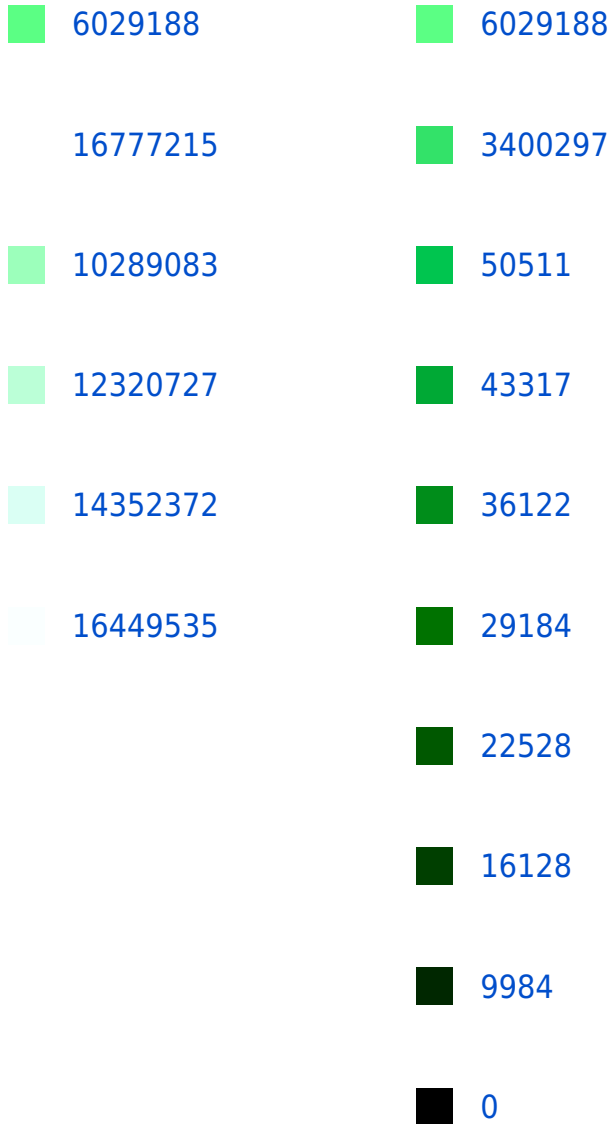


- Cyan (64%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6029188 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 6029188 by changing the saturation by 10% instead.



■ 6029188

■ 6029188

■ 4390769

■ 7733143

■ 2686814

■ 9371562

■ 1048395

■ 11075517

■ 65344

■ 12713937

■ 14417892

■ 16056311

16777215

Harmonies

Analogous

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



13168965



6029188



65491

Triad

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



6029188



61183



16752290

Complementary

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



6029188



16735190

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.



16750832



6029188



13488639

Square

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



6029188



65535



16756735



16759647

Rectangle

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



6029188



65535



16756735



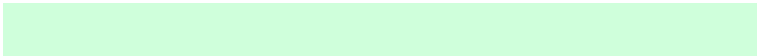
16750779

Sweetspot

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



6029188



13631451



14090075



6455402



0



8421504

Same Dimension

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



6029188



3932012



6029270



7569526



48944



16400

Inverse Universe

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



16735190



16726990



16735108



8418172



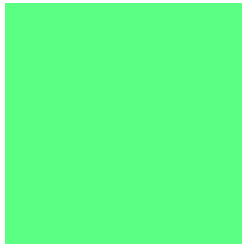
12517519



4194352

Previews

White Background



This preview shows how the Decimal color 6029188 looks on a white background.

Color Contrast Check

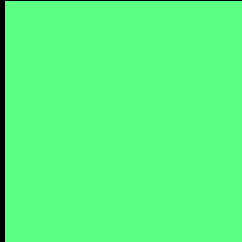
Large Text (above 18pt) WCAG AA × Fail

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 6029188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

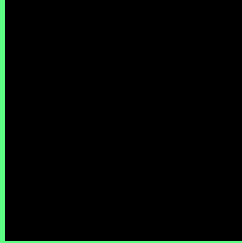
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

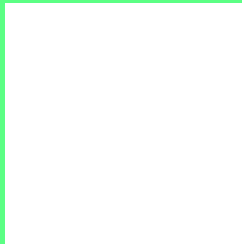
Any Text WCAG AAA ✓ Pass

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

Decimal 6029188 Background



This preview shows how black text looks on a background with the Decimal color 6029188.

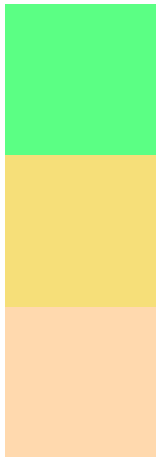


This preview shows how white text looks on a background with the Decimal color 6029188.

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



Original Color
6029188

Protanopia
16179065

Deuteranopia
16767406



Tritanopia
9760511

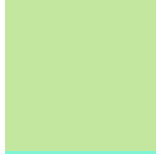
Trichromacy



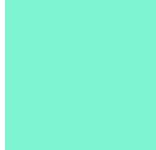
Original Color
6029188



Protanomaly
12512125



Deuteranomaly
12838815

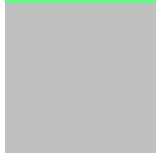


Tritanomaly
8385746

Monochromacy



Original Color
6029188



Achromatopsia
12632256



Achromatomaly
10213290

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6029188 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 #5BFF84 looks like.

```
.text, #text, p{  
    color:#5BFF84  
}
```

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 #5BFF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BFF84
}
```

Border

The CSS property to change the border of an element to Decimal 6029188 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
#5BFF84 }
```

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

```
.border{ border-color:#5BFF84 }
```

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

Here you see how a box with a 4 pixel #5BFF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BFF84; -webkit-box-shadow:4px 4px  
4px 4px #5BFF84; box-shadow:4px 4px 4px  
4px #5BFF84 }
```

Background

The CSS property to change the background color of an element to Decimal 6029188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BFF84 }
```

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

```
.background{ background-color:#5BFF84 }
```

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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