

Converting Colors

Decimal(6014769)

Have a look what the booklet for
Decimal(6014769) contains.

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Color

Decimal(6014769)

Conversions

Conversions Part 1

Format	Color
Hex	5BC731
RGB	91, 199, 49
RGB Percent	36%, 78%, 19%
CMY	0.6431, 0.2196, 0.8078
CMYK	0.54, 0.00, 0.75, 0.22
HSL	103°, 60%, 49%
HSV	103°, 75%, 78%
XYZ	25.2922, 43.2927, 9.9290
YIQ	149.6080, -16.2180, -69.5460

Conversions

Conversions Part 2

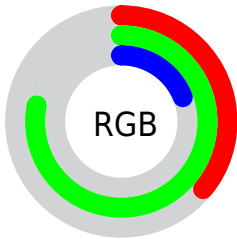
Format	Color
RYB	49, 199, 157
Decimal	6014769
CIELab	71.75, -56.64, 61.28
CIELCh	72, 83.447, 132.750
Yxy	43.2927, 0.3221, 0.5514
Android (android.graphics.Color)	4284204849 (0xFF5BC731)
YUV	149.6080, -49.5997, -51.3992
Hunter-Lab	65.7972, -46.5305, 37.1110

Details

The Decimal color **6014769** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **10301895**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9961322**, and **757760** is the 20% darker color. If you saturate the color by 10%, you get **5097245**, and if you desaturate by 10%, it is **6932293**.

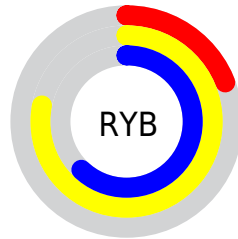
Distribution



Red (36%)

Green (78%)

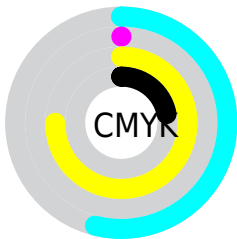
Blue (19%)



Red (19%)

Yellow (78%)

Blue (62%)

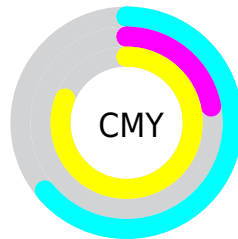


Cyan (54%)

Magenta (0%)

Yellow (75%)

Black (22%)



Cyan (64%)

Magenta (22%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6014769 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 6014769 by changing the saturation by 10% instead.



6014769



6014769

16777215



3910410



9961322



757760



11861893



29952



13828001



23552



15794109



17152



16777178



11264



16777208



3072



0



6014769



6014769

■ 5097245

■ 6932293

■ 4114185

■ 7915353

■ 3720960

■ 8832877

■ 9750401

■ 10733460

■ 11650984

■ 12568508

■ 13551568

■ 14469092

Harmonies

Analogous

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



11908864



6014769



53376

Triad

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



6014769



50687



16735635

Complementary

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



6014769



10301895

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.



16738271



6014769



2404095

Square

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



6014769



53503



14388479



16742731

Rectangle

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



6014769



53941



14388479



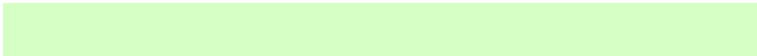
16735148

Sweetspot

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



6014769



14024644



13081905



6717532



0



8421504

Same Dimension

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



6014769



5963545



3262290



6054746



3056384



664576

Inverse Universe

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



10301895



12524031



13054375



6380131



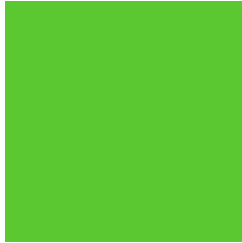
7733411



1703972

Previews

White Background



This preview shows how the Decimal color 6014769 looks on a white background.

Color Contrast Check

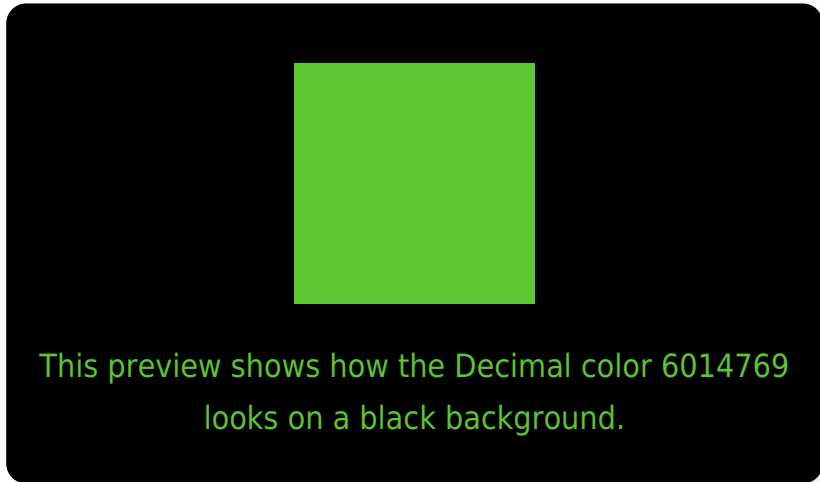
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 6014769 Background



This preview shows how black text looks on a background with the Decimal color 6014769.



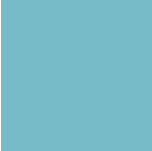
This preview shows how white text looks on a background with the Decimal color 6014769.

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
7846600

Trichromacy



Original Color
6014769



Protanomaly
10401837



Deuteranomaly
11317818



Tritanomaly
7192465

Monochromacy



Original Color
6014769



Achromatopsia
9868950



Achromatomaly
8497265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6014769 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 #5BC731 looks like.

```
.text, #text, p{  
    color:#5BC731  
}
```

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 #5BC731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC731
}
```

Border

The CSS property to change the border of an element to Decimal 6014769 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
#5BC731 }
```

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

```
.border{ border-color:#5BC731 }
```

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

Here you see how a box with a 4 pixel #5BC731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC731; -webkit-box-shadow:4px 4px  
4px 4px #5BC731; box-shadow:4px 4px 4px  
4px #5BC731 }
```

Background

The CSS property to change the background color of an element to Decimal 6014769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC731 }
```

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

```
.background{ background-color:#5BC731 }
```

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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