

# Converting Colors

Decimal(6020954)

Have a look what the booklet for  
Decimal(6020954) contains.

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**Color**

**Decimal(6020954)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5BDF5A                       |
| RGB         | 91, 223, 90                  |
| RGB Percent | 36%, 87%, 35%                |
| CMY         | 0.6431, 0.1255, 0.6471       |
| CMYK        | 0.59, 0.00, 0.60, 0.13       |
| HSL         | 120°, 68%, 61%               |
| HSV         | 120°, 60%, 87%               |
| XYZ         | 32.5475, 55.7377, 18.7159    |
| YIQ         | 168.3700, -35.9790, -69.3470 |

# Conversions

## Conversions Part 2

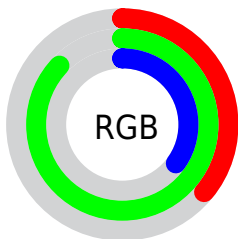
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 90, 223, 222                    |
| Decimal                             | 6020954                         |
| CIELab                              | 79.46, -61.68, 53.39            |
| CIELCh                              | 79, 81.576, 139.118             |
| Yxy                                 | 55.7377, 0.3042,<br>0.5209      |
| Android<br>(android.graphics.Color) | 4284211034<br>(0xFF5BDF5A)      |
| YUV                                 | 168.3700, -38.6364,<br>-67.8535 |
| Hunter-Lab                          | 74.6577, -52.8326,<br>37.3970   |

# Details

The Decimal color **6020954** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **14572255**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10092432**, and **42787** is the 20% darker color. If you saturate the color by 10%, you get **4579140**, and if you desaturate by 10%, it is **7462768**.

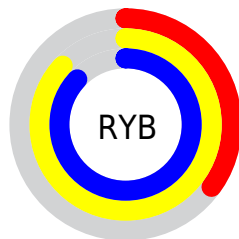
# Distribution



Red (36%)

Green (87%)

Blue (35%)



Red (35%)

Yellow (87%)

Blue (87%)

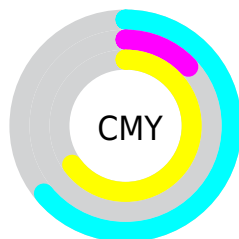


Cyan (59%)

Magenta (0%)

Yellow (60%)

Black (13%)



Cyan (64%)

Magenta (13%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6020954 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 6020954 by changing the saturation by 10% instead.





6020954



6020954

16777215



3719743



10092432



42787



12058540



35584



14024648



28928



15990757



22272



15872



9984



0



6020954



6020954

■ 4579140

■ 7462768

■ 3137325

■ 8904583

■ 1695511

■ 10346397

■ 188161

■ 11853747

■ 188160

■ 13295562

■ 14737376

■ 16179190

■ 16769023

# Harmonies

## Analogous

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



12374036



6020954



59302

# Triad

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



6020954



55039



16743576

# Complementary

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



6020954



14572255

# 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.



16743652



6020954



9157887

# Square

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



6020954



58623



16751359



16750419

# Rectangle

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



6020954



59611



16751359



16742577

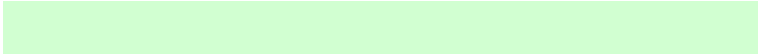


# Sweetspot

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



6020954



13762513



14671194



6586467



0



8421504



# Same Dimension

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



6020954



4849479



5955482



6647909



110592



12288



# Inverse Universe

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



14572255



16664575



14637727



7366000



11468976



3145776



# Previews

## White Background



This preview shows how the Decimal color 6020954 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 6020954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

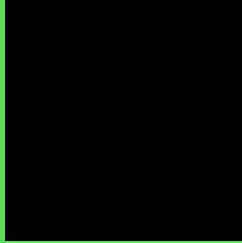
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6020954 Background



This preview shows how black text looks on a background with the Decimal color 6020954.

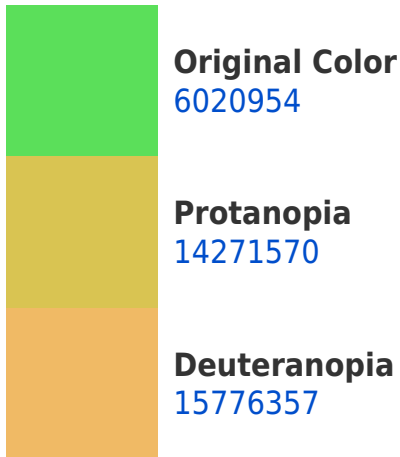


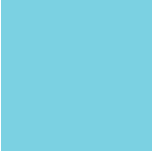
This preview shows how white text looks on a background with the Decimal color 6020954.

# 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**  
8114658

# Trichromacy



**Original Color**  
6020954



**Protanomaly**  
11259477



**Deuteranomaly**  
12240737

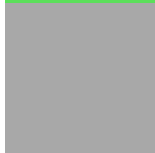


**Tritanomaly**  
7329457

# Monochromacy



**Original Color**  
6020954



**Achromatopsia**  
11053224



**Achromatomaly**  
9223308

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6020954 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 #5BDF5A looks like.

```
.text, #text, p{  
    color:#5BDF5A  
}
```

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 #5BDF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDF5A
}
```

## Border

The CSS property to change the border of an element to Decimal 6020954 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
#5BDF5A }
```

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

```
.border{ border-color:#5BDF5A }
```

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

Here you see how a box with a 4 pixel #5BDF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDF5A; -webkit-box-shadow:4px 4px  
4px 4px #5BDF5A; box-shadow:4px 4px 4px  
4px #5BDF5A }
```

# Background

The CSS property to change the background color of an element to Decimal 6020954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDF5A }
```

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

```
.background{ background-color:#5BDF5A }
```

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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