

# Converting Colors

Decimal(6010645)

Have a look what the booklet for  
Decimal(6010645) contains.

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# **Color**

**Decimal(6010645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB715
RGB	91, 183, 21
RGB Percent	36%, 72%, 8%
CMY	0.6431, 0.2824, 0.9176
CMYK	0.50, 0.00, 0.89, 0.28
HSL	94°, 79%, 40%
HSV	94°, 89%, 72%
XYZ	21.3832, 36.1453, 6.5592
YIQ	137.0240, -2.8300, -69.8860

# Conversions

## Conversions Part 2

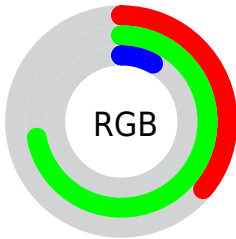
Format	Color
<a href="#">RYB</a>	<a href="#">21, 183, 113</a>
Decimal	<a href="#">6010645</a>
CIELab	<a href="#">66.63, -52.07, 64.06</a>
CIElCh	<a href="#">67, 82.555, 129.102</a>
Yxy	<a href="#">36.1453, 0.3337, 0.5640</a>
Android (android.graphics.Color)	<a href="#">4284200725 (0xFF5BB715)</a>
YUV	<a href="#">137.0240, -57.1998, -40.3630</a>
Hunter-Lab	<a href="#">60.1209, -41.7245, 35.6161</a>

# Details

The Decimal color **6010645** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7411127**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9891925**, and **1343744** is the 20% darker color. If you saturate the color by 10%, you get **5355267**, and if you desaturate by 10%, it is **6666023**.

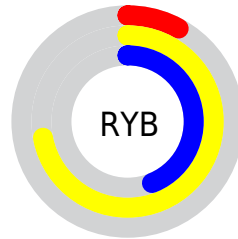
# Distribution



Red (36%)

Green (72%)

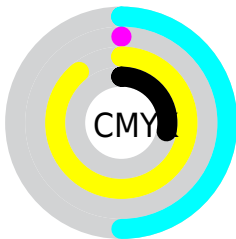
Blue (8%)



Red (8%)

Yellow (72%)

Blue (44%)

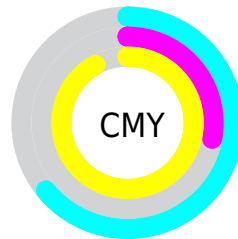


Cyan (50%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (64%)

Magenta (28%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6010645 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 6010645 by changing the saturation by 10% instead.





6010645



6010645

16777215



3972096



9891925



1343744



11796337



26368



13696909



19968



15663017



13824



16777157



7936



16777187



0



6010645



6010645



5355267



6666023

■ 5224192

■ 7386938

■ 8042316

■ 8763230

■ 9418609

■ 10073987

■ 10794901

■ 11450279

■ 12171194

# Harmonies

## Analogous

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



11445760



6010645



49258

# Triad

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



6010645



47359



16731279

# Complementary

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



6010645



7411127

# 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.



16735449



6010645



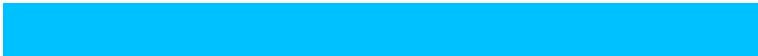
42239

# Square

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



6010645



49663



12551167



16738120

# Rectangle

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



6010645



50078



12551167



16731304

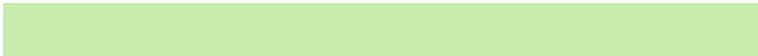


# Sweetspot

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



6010645



13233581



12022037



6453329



16250871



7895160



# Same Dimension

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



6010645



6745344



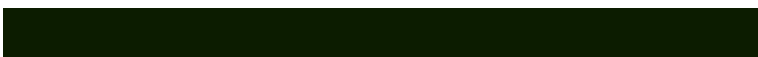
1423136



5725267



4430848



793600



# Inverse Universe

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



7411127



8847597



11998636



5788508



5767324



1048604



# Previews

## White Background



This preview shows how the Decimal color 6010645 looks on a white background.

## Color Contrast Check

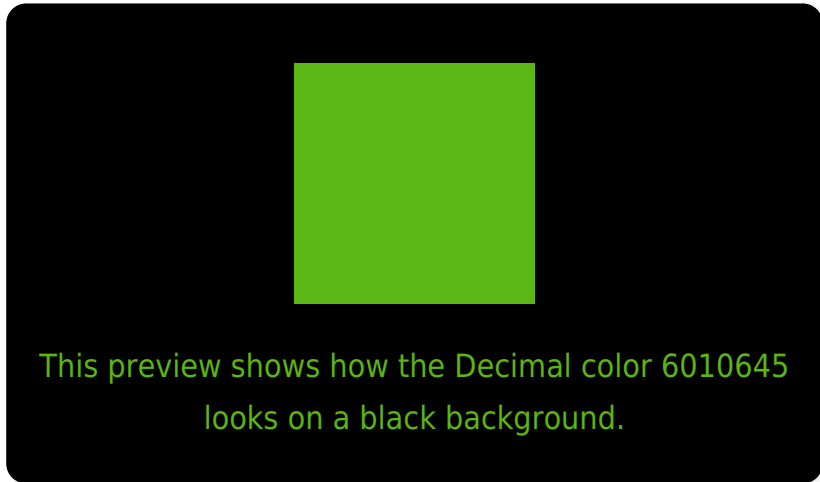
Large Text (above 18pt) WCAG AA × Fail

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 6010645 Background



This preview shows how black text looks on a background with the Decimal color 6010645.



This preview shows how white text looks on a background with the Decimal color 6010645.

# 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**  
6010645

**Protanopia**  
11968780

**Deuteranopia**  
13277482



**Tritanopia**  
7580344

# Trichromacy



**Original Color**  
6010645



**Protanomaly**  
9808143



**Deuteranomaly**  
10658850



**Tritanomaly**  
6991741

# Monochromacy



**Original Color**  
6010645



**Achromatopsia**  
9013641



**Achromatomaly**  
7903839

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6010645 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 #5BB715 looks like.

```
.text, #text, p{  
    color:#5BB715  
}
```

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 #5BB715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB715
}
```

## Border

The CSS property to change the border of an element to Decimal 6010645 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
#5BB715 }
```

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

```
.border{ border-color:#5BB715 }
```

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

Here you see how a box with a 4 pixel #5BB715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB715; -webkit-box-shadow:4px 4px  
4px 4px #5BB715; box-shadow:4px 4px 4px  
4px #5BB715 }
```

# Background

The CSS property to change the background color of an element to Decimal 6010645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB715 }
```

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

```
.background{ background-color:#5BB715 }
```

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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