

# Converting Colors

Decimal(6010624)

Have a look what the booklet for  
Decimal(6010624) contains.

<b>Decimal(6010624)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6010624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB700
RGB	91, 183, 0
RGB Percent	36%, 72%, 0%
CMY	0.6431, 0.2824, 1.0000
CMYK	0.50, 0.00, 1.00, 0.28
HSL	90°, 100%, 36%
HSV	90°, 100%, 72%
XYZ	21.2479, 36.0911, 5.8464
YIQ	134.6300, 3.9110, -76.4170

# Conversions

## Conversions Part 2

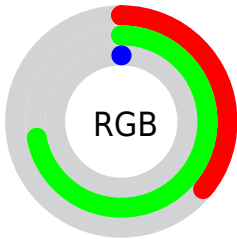
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 183, 92
Decimal	6010624
CIELab	66.59, -52.53, 66.94
CIELCh	67, 85.095, 128.123
Yxy	36.0911, 0.3363, 0.5712
Android (android.graphics.Color)	4284200704 (0xFF5BB700)
YUV	134.6300, -66.3726, -38.2635
Hunter-Lab	60.0759, -42.0002, 36.2832

# Details

The Decimal color **6010624** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6029495**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9891917**, and **1278208** is the 20% darker color. If you saturate the color by 10%, you get **6010624**, and if you desaturate by 10%, it is **6600466**.

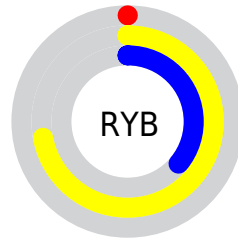
# Distribution



Red (36%)

Green (72%)

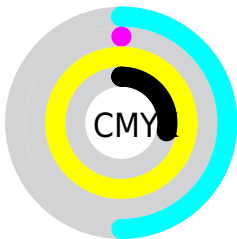
Blue (0%)



Red (0%)

Yellow (72%)

Blue (36%)

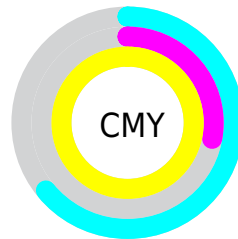


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (64%)

Magenta (28%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6010624 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 6010624 by changing the saturation by 10% instead.



 6010624

 6010624

16777215

 3972096

 9891917

 1278208

 11796330

 26368

 13762438

 19968

 15728546

 13824

 16777151

 7936

 16777180

 0

 16777209

 6010624

 6600466

 7190309

 7845687

 8435529

 9025372

 9615214

 10205056

 10860434

 11450277

# Harmonies

## Analogous

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



11576576



6010624



49253

# Triad

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



6010624



47615



16729745

# Complementary

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



6010624



6029495

# 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.



16734685



6010624



42495

# Square

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



6010624



49919



12354559



16737095

# Rectangle

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



6010624



50075



12354559



16730026

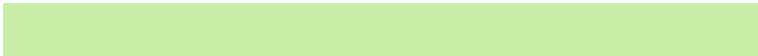


# Sweetspot

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



6010624



13233574



12016640



6453325



16250871



7895160



# Same Dimension

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



6010624



7793920



46848



5725267



5086208



924672



# Inverse Universe

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



6029495



7799021



11993271



5722972



5111964



917532



# Previews

## White Background



This preview shows how the Decimal color 6010624 looks on a white background.

## Color Contrast Check

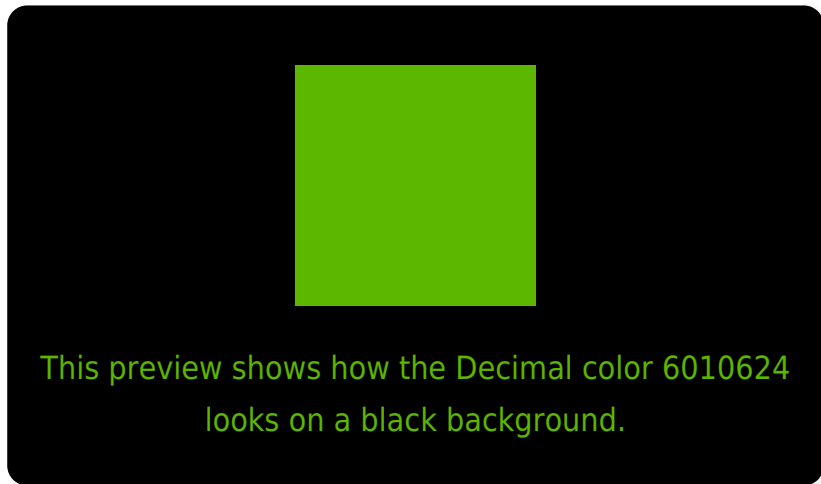
Large Text (above 18pt) WCAG AA × Fail

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 6010624 Background



This preview shows how black text looks on a background with the Decimal color 6010624.



This preview shows how white text looks on a background with the Decimal color 6010624.

# 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**  
6010624

**Protanopia**  
11968768

**Deuteranopia**  
13343013



**Tritanopia**  
7645880

# Trichromacy



**Original Color**

6010624



**Protanomaly**

9808128



**Deuteranomaly**

10658840



**Tritanomaly**

7057269

# Monochromacy



**Original Color**

6010624



**Achromatopsia**

8882055



**Achromatomaly**

7837782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6010624 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 #5BB700 looks like.

```
.text, #text, p{  
  color:#5BB700  
}
```

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 #5BB700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB700
}
```

## Border

The CSS property to change the border of an element to Decimal 6010624 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
#5BB700 }
```

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

```
.border{ border-color:#5BB700 }
```

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

Here you see how a box with a 4 pixel #5BB700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB700; -webkit-box-shadow:4px 4px  
4px 4px #5BB700; box-shadow:4px 4px 4px  
4px #5BB700 }
```

# Background

The CSS property to change the background color of an element to Decimal 6010624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB700 }
```

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

```
.background{ background-color:#5BB700 }
```

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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