

# Converting Colors

Decimal(3654420)

Have a look what the booklet for  
Decimal(3654420) contains.

<b>Decimal(3654420)</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(3654420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37C314
RGB	55, 195, 20
RGB Percent	22%, 76%, 8%
CMY	0.7843, 0.2353, 0.9216
CMYK	0.72, 0.00, 0.90, 0.24
HSL	108°, 81%, 42%
HSV	108°, 90%, 76%
XYZ	21.2169, 39.8929, 7.2437
YIQ	133.1900, -27.2650, -84.1050

# Conversions

## Conversions Part 2

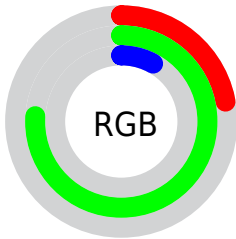
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 195, 160</a>
Decimal	<a href="#">3654420</a>
CIELab	<a href="#">69.39, -64.77, 66.19</a>
CIELCh	<a href="#">69, 92.605, 134.377</a>
Yxy	<a href="#">39.8929, 0.3104, 0.5836</a>
Android (android.graphics.Color)	<a href="#">4281844500</a> ( <a href="#">0xFF37C314</a> )
YUV	<a href="#">133.1900, -55.8027, -68.5726</a>
Hunter-Lab	<a href="#">63.1609, -50.5700, 37.4129</a>

# Details

The Decimal color **3654420** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **10491075**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8125782**, and **35840** is the 20% darker color. If you saturate the color by 10%, you get **2605824**, and if you desaturate by 10%, it is **4703015**.

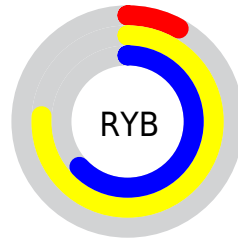
# Distribution



Red (22%)

Green (76%)

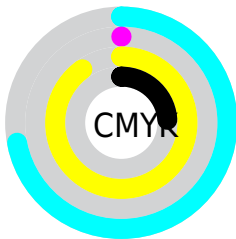
Blue (8%)



Red (8%)

Yellow (76%)

Blue (63%)

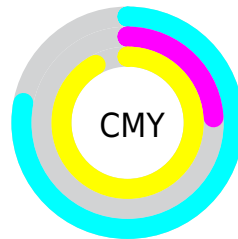


Cyan (72%)

Magenta (0%)

Yellow (90%)

Black (24%)



Cyan (78%)

Magenta (24%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3654420 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 3654420 by changing the saturation by 10% instead.





3654420



3654420

16777215



42752



8125782



35840



10157939



28928



12124047



22272



14155691



15872



16187336



9728



16777189



0



3654420



3654420



2605824



4703015

 5686075

 6734670

 7717730

 8766325

 9814921

 10797980

 11846576

 12829635

# Harmonies

## Analogous

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



10990080



3654420



52089

# Triad

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



3654420



49407



16728453

# Complementary

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



3654420



10491075

# 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.



16731353



3654420



42751

# Square

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



3654420



52223



14515711



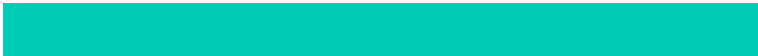
16739124

# Rectangle

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



3654420



52916



14515711



16727201

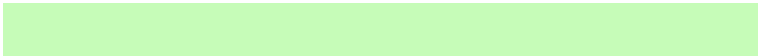


# Sweetspot

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



3654420



13040824



12820500



6258775



0



8421504



# Same Dimension

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



3654420



3341312



1360713



5857623



2138368



467200



# Inverse Universe

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



10491075



13238524



12784783



6248289



8454305

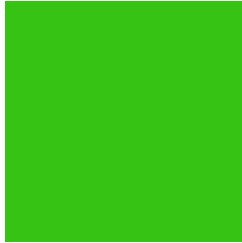


1769505



# Previews

## White Background



This preview shows how the Decimal color 3654420 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 3654420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

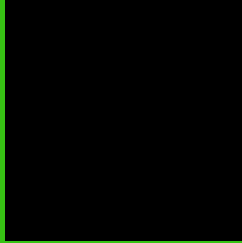
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3654420 Background



This preview shows how black text looks on a background with the Decimal color 3654420.

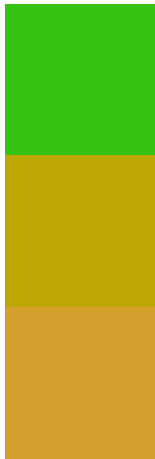


This preview shows how white text looks on a background with the Decimal color 3654420.

# 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**  
3654420

**Protanopia**  
12494854

**Deuteranopia**  
13868845



**Tritanopia**  
6337988

# Trichromacy



**Original Color**

3654420



**Protanomaly**

9286155



**Deuteranomaly**

10136612



**Tritanomaly**

5356164

# Monochromacy



**Original Color**

3654420



**Achromatopsia**

8750469



**Achromatomaly**

6921308

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3654420 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 #37C314 looks like.

```
.text, #text, p{  
    color:#37C314  
}
```

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 #37C314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C314
}
```

## Border

The CSS property to change the border of an element to Decimal 3654420 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
#37C314 }
```

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

```
.border{ border-color:#37C314 }
```

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

Here you see how a box with a 4 pixel #37C314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C314; -webkit-box-shadow:4px 4px  
4px 4px #37C314; box-shadow:4px 4px 4px  
4px #37C314 }
```

# Background

The CSS property to change the background color of an element to Decimal 3654420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C314 }
```

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

```
.background{ background-color:#37C314 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor