

Converting Colors

Decimal(6137344)

Have a look what the booklet for
Decimal(6137344) contains.

Decimal(6137344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6137344)

Conversions

Conversions Part 1

Format	Color
Hex	5DA600
RGB	93, 166, 0
RGB Percent	36%, 65%, 0%
CMY	0.6353, 0.3490, 1.0000
CMYK	0.44, 0.00, 1.00, 0.35
HSL	86°, 100%, 33%
HSV	86°, 100%, 65%
XYZ	18.1504, 29.5996, 4.7567
YIQ	125.2490, 9.7780, -67.1020

Conversions

Conversions Part 2

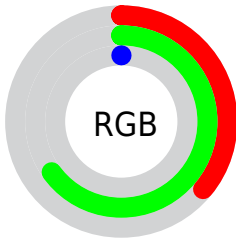
Format	Color
RYB	0, 166, 73
Decimal	6137344
CIELab	61.31, -45.29, 62.85
CIELCh	61, 77.469, 125.778
Yxy	29.5996, 0.3457, 0.5637
Android (android.graphics.Color)	4284327424 (0xFF5DA600)
YUV	125.2490, -61.7478, -28.2824
Hunter-Lab	54.4055, -35.6596, 32.9001

Details

The Decimal color **6137344** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4784294**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9887306**, and **2060544** is the 20% darker color. If you saturate the color by 10%, you get **6137344**, and if you desaturate by 10%, it is **6596113**.

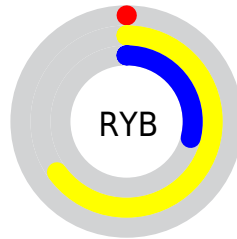
Distribution



Red (36%)

Green (65%)

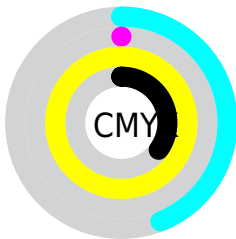
Blue (0%)



Red (0%)

Yellow (65%)

Blue (29%)

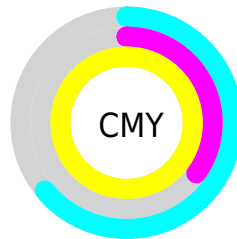


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6137344 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 6137344 by changing the saturation by 10% instead.

 6137344

 6137344

16777215

 4229888

 9887306

 2060544


 11795046

 22528

 13696897

 16384

 15663005

 11008

 16777145

 2304

 16777174

 0

 16777203

 6137344

 6596113

 7120417

 7579186

 8037954

 8496723

 9021028

 9479796

 9938565

 10462869

Harmonies

Analogous

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



10917120



6137344



44888

Triad

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



6137344



43775



16729226

Complementary

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



6137344



4784294

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.



15685582



6137344



39167

Square

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



6137344



45539



10779647



16734792

Rectangle

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



6137344



45704



10779647



16729761

Sweetspot

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



6137344



12376472



10897408



6057542



15592941



7237230

Same Dimension

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



6137344



7985408



763392



5264460



5477376



726016

Inverse Universe

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



4784294



6226137



10158246



5196884



4259988



589844

Previews

White Background



This preview shows how the Decimal color 6137344 looks on a white background.

Color Contrast Check

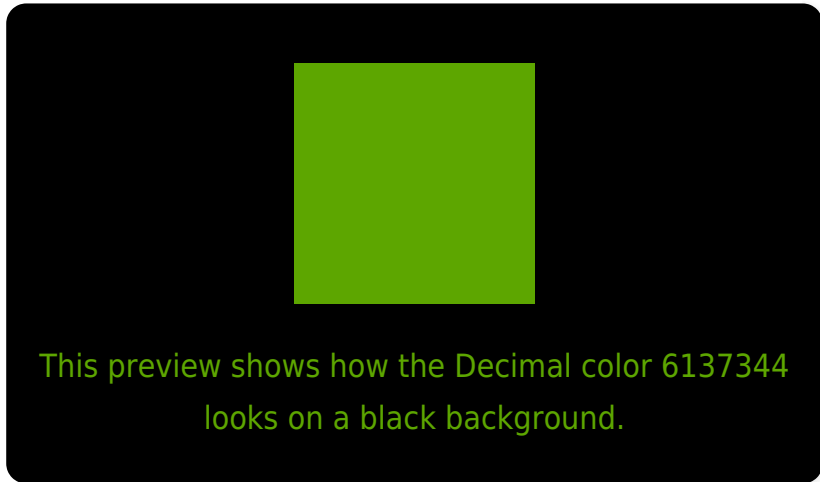
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Decimal 6137344 Background



This preview shows how black text looks on a background with the Decimal color 6137344.




This preview shows how white text looks on a background with the Decimal color 6137344.

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
7445159

Trichromacy



Original Color
6137344

Protanomaly
9149184

Deuteranomaly
9999637

Tritanomaly
6987370

Monochromacy



Original Color
6137344

Achromatopsia
8224125

Achromatomaly
7441488

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6137344 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 #5DA600 looks like.

```
.text, #text, p{  
  color:#5DA600  
}
```

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 #5DA600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA600
}
```

Border

The CSS property to change the border of an element to Decimal 6137344 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
#5DA600 }
```

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

```
.border{ border-color:#5DA600 }
```

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

Here you see how a box with a 4 pixel #5DA600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA600; -webkit-box-shadow:4px 4px  
4px 4px #5DA600; box-shadow:4px 4px 4px  
4px #5DA600 }
```

Background

The CSS property to change the background color of an element to Decimal 6137344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA600 }
```

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

```
.background{ background-color:#5DA600 }
```

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