

Converting Colors

Decimal(6005504)

Have a look what the booklet for
Decimal(6005504) contains.

Decimal(6005504)	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(6005504)

Conversions

Conversions Part 1

Format	Color
Hex	5BA300
RGB	91, 163, 0
RGB Percent	36%, 64%, 0%
CMY	0.6431, 0.3608, 1.0000
CMYK	0.44, 0.00, 1.00, 0.36
HSL	87°, 100%, 32%
HSV	87°, 100%, 64%
XYZ	17.4116, 28.4185, 4.5676
YIQ	122.8900, 9.4110, -65.9570

Conversions

Conversions Part 2

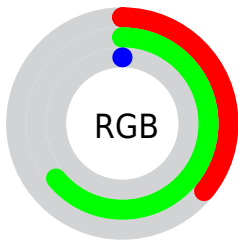
Format	Color
RYB	0, 163, 72
Decimal	6005504
CIELab	60.26, -44.76, 62.00
CIELCh	60, 76.467, 125.828
Yxy	28.4185, 0.3455, 0.5639
Android (android.graphics.Color)	4284195584 (0xFF5BA300)
YUV	122.8900, -60.5848, -27.9675
Hunter-Lab	53.3090, -34.9899, 32.2362

Details

The Decimal color **6005504** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4718755**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9755209**, and **1928704** is the 20% darker color. If you saturate the color by 10%, you get **6005504**, and if you desaturate by 10%, it is **6464272**.

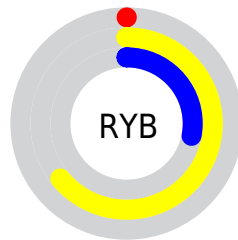
Distribution



Red (36%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (28%)

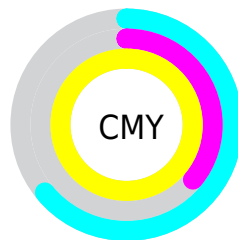


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (64%)



















Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6005504 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 6005504 by changing the saturation by 10% instead.

 6005504	 6005504
 16777215	 4098048
 9755209	 1928704
 11597669	 21760
 13565824	 15616
 15466396	 10496
 16777144	 512
 16777173	 0
 16777202	
 6005504	

 6464272

 6923041

 7447345

 7906113

 8364882

 8823650

 9282418

 9806722

 10265491

Harmonies

Analogous

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



10720000



6005504



44118

Triad

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



6005504



43007



16728711

Complementary

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



6005504



4718755

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.



15422922



6005504



38655

Square

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



6005504



44767



10582527



16668742

Rectangle

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



6005504



44677



10582527



16729246

Sweetspot

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



6005504



12113044



10700544



5925701



15461355



7039851

Same Dimension

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



6005504



7787520



762624



5132873



5345536



659968

Inverse Universe

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



4718755



6095060



9961635



5065042



4194449



524306

Previews

White Background



This preview shows how the Decimal color 6005504 looks on a white background.

Color Contrast Check

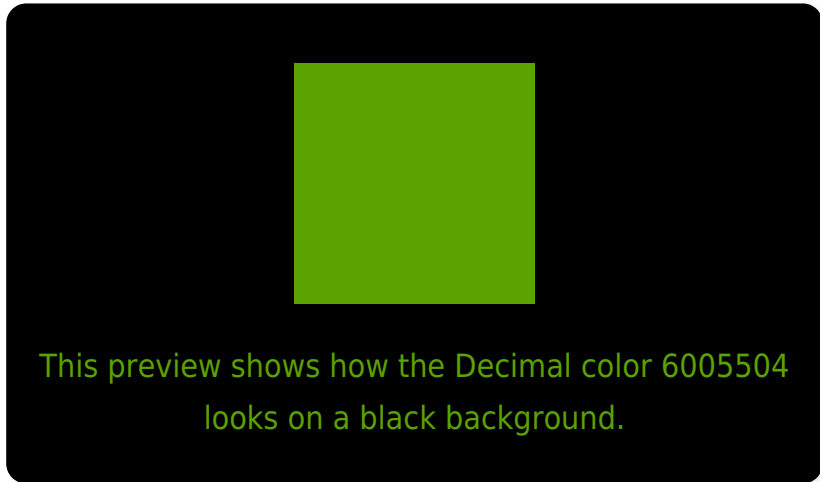
Large Text (above 18pt) WCAG AA ✓ Pass

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 6005504 Background



This preview shows how black text looks on a background with the Decimal color 6005504.



This preview shows how white text looks on a background with the Decimal color 6005504.

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
6005504

Protanopia
10719488

Deuteranopia
11962657

Trichromacy



Original Color
6005504



Protanomaly
9017344



Deuteranomaly
9802261



Tritanomaly
6855784

Monochromacy



Original Color
6005504



Achromatopsia
8092539



Achromatomaly
7309902

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6005504 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 #5BA300 looks like.

```
.text, #text, p{  
    color:#5BA300  
}
```

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 #5BA300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA300
}
```

Border

The CSS property to change the border of an element to Decimal 6005504 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
#5BA300 }
```

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

```
.border{ border-color:#5BA300 }
```

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

Here you see how a box with a 4 pixel #5BA300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA300; -webkit-box-shadow:4px 4px  
4px 4px #5BA300; box-shadow:4px 4px 4px  
4px #5BA300 }
```

Background

The CSS property to change the background color of an element to Decimal 6005504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA300 }
```

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

```
.background{ background-color:#5BA300 }
```

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