

Converting Colors

Decimal(6389504)

Have a look what the booklet for
Decimal(6389504) contains.

Decimal(6389504)	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(6389504)

Conversions

Conversions Part 1

Format	Color
Hex	617F00
RGB	97, 127, 0
RGB Percent	38%, 50%, 0%
CMY	0.6196, 0.5020, 1.0000
CMYK	0.24, 0.00, 1.00, 0.50
HSL	74°, 100%, 25%
HSV	74°, 100%, 50%
XYZ	12.5191, 17.7201, 2.7605
YIQ	103.5520, 22.8870, -45.8570

Conversions

Conversions Part 2

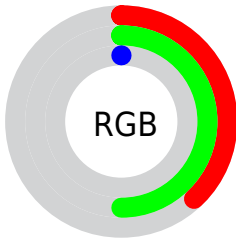
Format	Color
RYB	0, 127, 30
Decimal	6389504
CIELab	49.15, -26.44, 53.58
CIELCh	49, 59.751, 116.265
Yxy	17.7201, 0.3794, 0.5370
Android (android.graphics.Color)	4284579584 (0xFF617F00)
YUV	103.5520, -51.0511, -5.7461
Hunter-Lab	42.0953, -20.5809, 25.5786

Details

The Decimal color **6389504** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **1966207**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9942081**, and **2969088** is the 20% darker color. If you saturate the color by 10%, you get **6389504**, and if you desaturate by 10%, it is **6586125**.

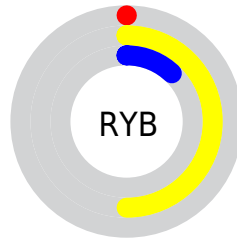
Distribution



Red (38%)

Green (50%)

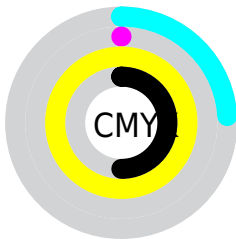
Blue (0%)



Red (0%)

Yellow (50%)

Blue (12%)

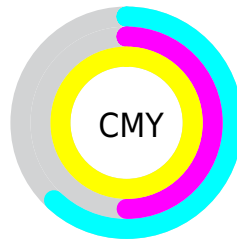


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6389504 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 6389504 by changing the saturation by 10% instead.



6389504



6389504

16777215



4679168



9942081



2969088



11784027



1128192



13692022



8704



15597457



0



16777132



16777161



16777189



6389504

■ 6586125

■ 6782745

■ 6979366

■ 7175987

■ 7372608

■ 7569228

■ 7765849

■ 7962470

■ 8159090

Harmonies

Analogous

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



9596928



6389504



34617

Triad

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



6389504



35017



13254781

Complementary

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



6389504



1966207

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.



11227822



6389504



32218

Square

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



6389504



36000



6712016



13387339

Rectangle

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



6389504



35675



6712016



12862606

Sweetspot

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



6389504



10135156



8330752



5067830



13948116



5526612

Same Dimension

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



6389504



8365568



2260736



4079673



6389760



0

Inverse Universe

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



1966207



2556070



6094975



3881280



1966208



0

Previews

White Background



This preview shows how the Decimal color 6389504 looks on a white background.

Color Contrast Check

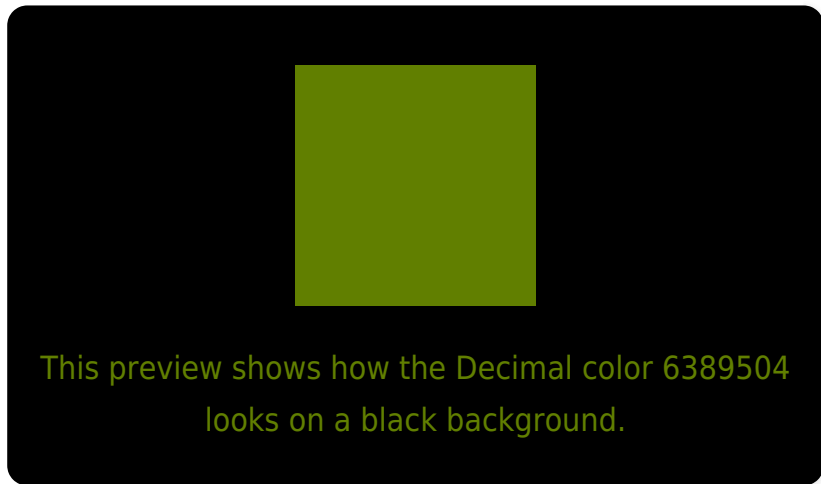
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 6389504 Background



This preview shows how black text looks on a background with the Decimal color 6389504.



This preview shows how white text looks on a background with the Decimal color 6389504.

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
6389504

Protanopia
8680704

Deuteranopia
9662231



Tritanopia
7108223

Trichromacy



Original Color
6389504

Protanomaly
7829760

Deuteranomaly
8484111

Tritanomaly
6846801

Monochromacy



Original Color
6389504

Achromatopsia
6842472

Achromatomaly
6647874

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6389504 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 #617F00 looks like.

```
.text, #text, p{  
    color:#617F00  
}
```

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 #617F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617F00
}
```

Border

The CSS property to change the border of an element to Decimal 6389504 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
#617F00 }
```

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

```
.border{ border-color:#617F00 }
```

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

Here you see how a box with a 4 pixel #617F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617F00; -webkit-box-shadow:4px 4px  
4px 4px #617F00; box-shadow:4px 4px 4px  
4px #617F00 }
```

Background

The CSS property to change the background color of an element to Decimal 6389504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617F00 }
```

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

```
.background{ background-color:#617F00 }
```

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