

Converting Colors

Decimal(5152512)

Have a look what the booklet for
Decimal(5152512) contains.

Decimal(5152512)	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>	28

Color

Decimal(5152512)

Conversions

Conversions Part 1

Format	Color
Hex	4E9F00
RGB	78, 159, 0
RGB Percent	31%, 62%, 0%
CMY	0.6941, 0.3765, 1.0000
CMYK	0.51, 0.00, 1.00, 0.38
HSL	91°, 100%, 31%
HSV	91°, 100%, 62%
XYZ	15.5400, 26.4160, 4.2798
YIQ	116.6550, 2.7630, -66.6210

Conversions

Conversions Part 2

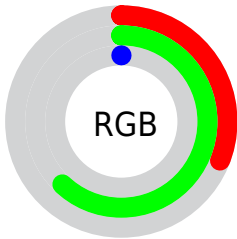
Format	Color
RYB	0, 159, 81
Decimal	5152512
CIELab	58.43, -47.41, 60.33
CIElCh	58, 76.728, 128.165
Yxy	26.4160, 0.3361, 0.5713
Android (android.graphics.Color)	4283342592 (0xFF4E9F00)
YUV	116.6550, -57.5109, -33.9004
Hunter-Lab	51.3965, -35.9733, 31.0405

Details

The Decimal color **5152512** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5308575**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8902216**, and **224000** is the 20% darker color. If you saturate the color by 10%, you get **5152512**, and if you desaturate by 10%, it is **5676816**.

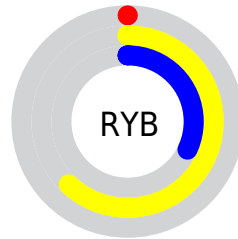
Distribution



Red (31%)

Green (62%)

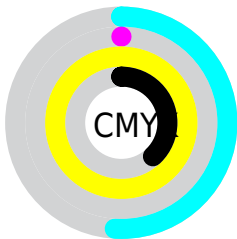
Blue (0%)



Red (0%)

Yellow (62%)

Blue (32%)

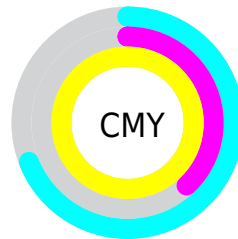


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (69%)


















Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5152512 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 5152512 by changing the saturation by 10% instead.

 5152512	 5152512
 16777215	 3113984
 8902216	 224000
 10810211	 20992
 12713855	 14592
 14614426	 9216
 16580535	 0
 16777171	
 16777200	
 5152512	

 5676816

 6201120

 6725424

 7249728

 7774032

 8363871

 8888175

 9412479

 9936783

Harmonies

Analogous

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



10063872



5152512



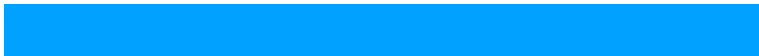
42839

Triad

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



5152512



41471



16727165

Complementary

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



5152512



5308575

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.



15289792



5152512



36863

Square

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



5152512



43487



10711543



16143676

Rectangle

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



5152512



43654



10711543



16661652

Sweetspot

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



5152512



11521937



10440704



5597507



15263976



6908265

Same Dimension

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



5152512



6672128



40704



4935495



4624128



528128

Inverse Universe

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



5308575



6881487



10420383



4933455



4784271



524303

Previews

White Background



This preview shows how the Decimal color 5152512 looks on a white background.

Color Contrast Check

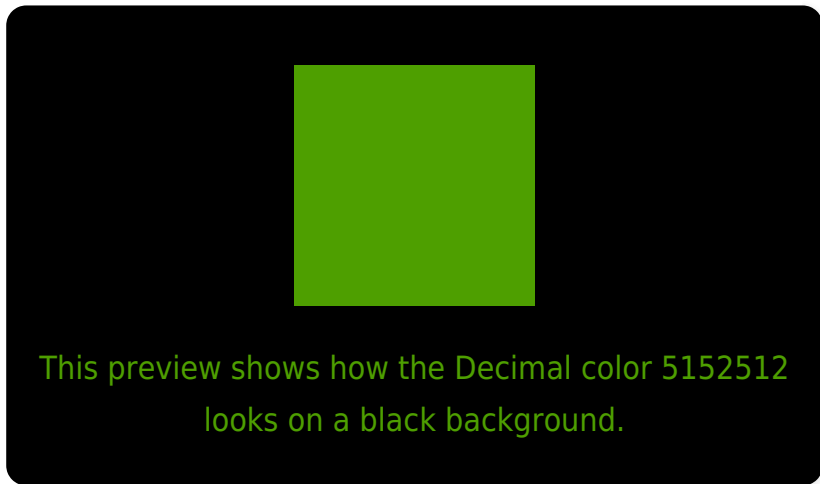
Large Text (above 18pt) WCAG AA ✓ Pass

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 5152512 Background



This preview shows how black text looks on a background with the Decimal color 5152512.

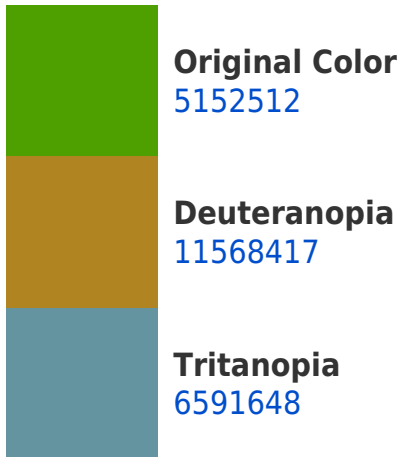


This preview shows how white text looks on a background with the Decimal color 5152512.

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



Trichromacy



Original Color
5152512



Deuteranomaly
9211413



Tritanomaly
6068326

Monochromacy



Original Color
5152512



Achromatopsia
7697781



Achromatomaly
6784074

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5152512 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 #4E9F00 looks like.

```
.text, #text, p{  
    color:#4E9F00  
}
```

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 #4E9F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9F00
}
```

Border

The CSS property to change the border of an element to Decimal 5152512 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
#4E9F00 }
```

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

```
.border{ border-color:#4E9F00 }
```

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

Here you see how a box with a 4 pixel #4E9F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9F00; -webkit-box-shadow:4px 4px  
4px 4px #4E9F00; box-shadow:4px 4px 4px  
4px #4E9F00 }
```

Background

The CSS property to change the background color of an element to Decimal 5152512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9F00 }
```

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

```
.background{ background-color:#4E9F00 }
```

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