

Converting Colors

Decimal(5214238)

Have a look what the booklet for
Decimal(5214238) contains.

Decimal(5214238)	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(5214238)

Conversions

Conversions Part 1

Format	Color
Hex	4F901E
RGB	79, 144, 30
RGB Percent	31%, 56%, 12%
CMY	0.6902, 0.4353, 0.8824
CMYK	0.45, 0.00, 0.79, 0.44
HSL	94°, 66%, 34%
HSV	94°, 79%, 56%
XYZ	13.4321, 21.7025, 4.7094
YIQ	111.5690, -2.1460, -49.2340

Conversions

Conversions Part 2

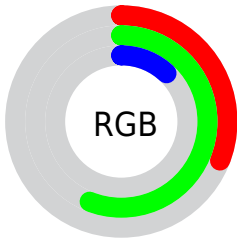
Format	Color
R_{YB}	30, 144, 95
Decimal	5214238
CIE _{Lab}	53.71, -40.04, 49.99
CIE _{LCh}	54, 64.042, 128.693
Yxy	21.7025, 0.3371, 0.5447
Android (android.graphics.Color)	4283404318 (0xFF4F901E)
YUV	111.5690, -40.2135, -28.5630
Hunter-Lab	46.5860, -30.0588, 26.6166

Details

The Decimal color **5214238** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6233744**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8832596**, and **1268992** is the 20% darker color. If you saturate the color by 10%, you get **4689936**, and if you desaturate by 10%, it is **5738540**.

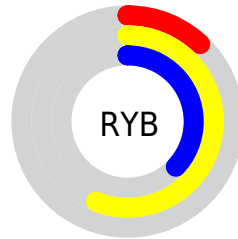
Distribution



Red (31%)

Green (56%)

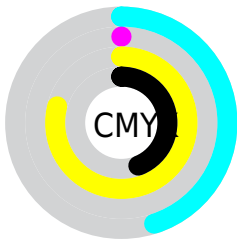
Blue (12%)



Red (12%)

Yellow (56%)

Blue (37%)

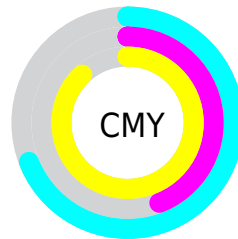


Cyan (45%)

Magenta (0%)

Yellow (79%)

Black (44%)



Cyan (69%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5214238 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 5214238 by changing the saturation by 10% instead.

 5214238

 5214238

16777215

 3372544

 8832596

 1268992

 10675054

 17408

 12517257

 11776

 14417828

 5376

 16318400

 0

 16777181

 16777210

 5214238

 5214238

■ 4689936

■ 5738540

■ 4165633

■ 6262843

■ 4100096

■ 6852681

■ 7376984

■ 7901286

■ 8425588

■ 8949891

■ 9539729

■ 10064032

Harmonies

Analogous

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



9143040



5214238



38742

Triad

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



5214238



37351



14828915

Complementary

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



5214238



6233744

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.



13521066



5214238



33518

Square

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



5214238



39108



9857751



14243390

Rectangle

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



5214238



39292



9857751



14632581

Sweetspot

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



5214238



10599053



9461534



5201475



14606046



6184542

Same Dimension

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



5214238



5618185



2002982



4409152



3835648



198656

Inverse Universe

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



6233744



7211450



9445000



4472903



5046407



262152

Previews

White Background



This preview shows how the Decimal color 5214238 looks on a white background.

Color Contrast Check

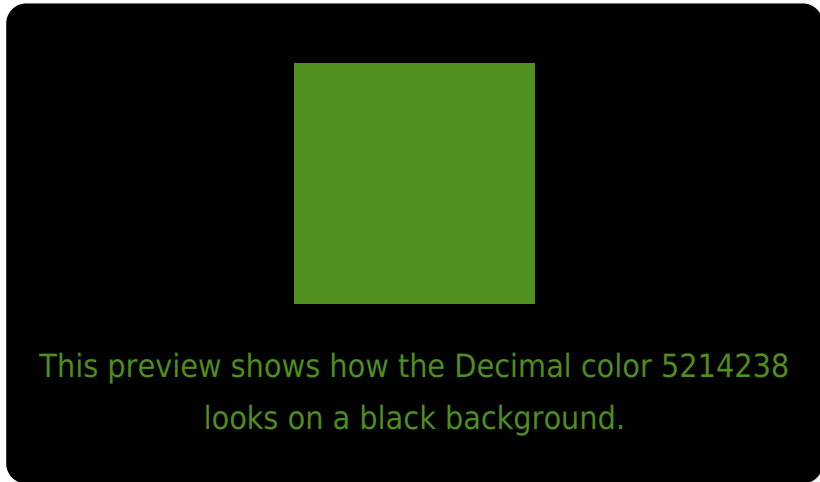
Large Text (above 18pt) WCAG AA ✓ Pass

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 5214238 Background



This preview shows how black text looks on a background with the Decimal color 5214238.

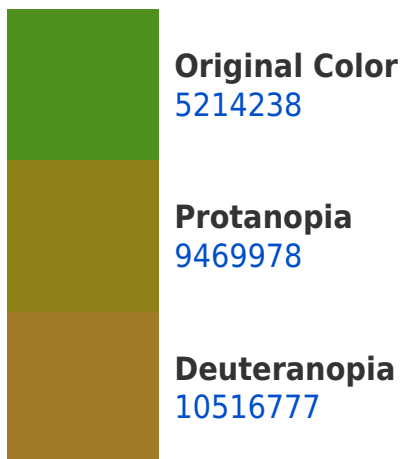



This preview shows how white text looks on a background with the Decimal color 5214238.

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
6325905

Trichromacy



Original Color
5214238

Protanomaly
7898651

Deuteranomaly
8618277

Tritanomaly
5933671

Monochromacy



Original Color
5214238

Achromatopsia
7368816

Achromatomaly
6585426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5214238 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 #4F901E looks like.

```
.text, #text, p{  
    color:#4F901E  
}
```

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 #4F901E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F901E
}
```

Border

The CSS property to change the border of an element to Decimal 5214238 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
#4F901E }
```

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

```
.border{ border-color:#4F901E }
```

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

Here you see how a box with a 4 pixel #4F901E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F901E; -webkit-box-shadow:4px 4px  
4px 4px #4F901E; box-shadow:4px 4px 4px  
4px #4F901E }
```

Background

The CSS property to change the background color of an element to Decimal 5214238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F901E }
```

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

```
.background{ background-color:#4F901E }
```

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