

Converting Colors

Decimal(4955412)

Have a look what the booklet for
Decimal(4955412) contains.

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Color

Decimal(4955412)

Conversions

Conversions Part 1

Format	Color
Hex	4B9D14
RGB	75, 157, 20
RGB Percent	29%, 62%, 8%
CMY	0.7059, 0.3843, 0.9216
CMYK	0.52, 0.00, 0.87, 0.38
HSL	96°, 77%, 35%
HSV	96°, 87%, 62%
XYZ	15.0849, 25.6603, 4.8197
YIQ	116.8640, -4.8950, -59.9910

Conversions

Conversions Part 2

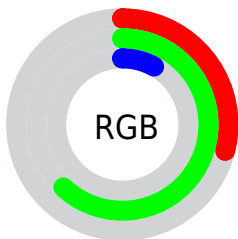
Format	Color
RYB	20, 157, 102
Decimal	4955412
CIELab	57.71, -47.02, 56.34
CIElCh	58, 73.385, 129.845
Yxy	25.6603, 0.3311, 0.5632
Android (android.graphics.Color)	4283145492 (0xFF4B9D14)
YUV	116.8640, -47.7540, -36.7147
Hunter-Lab	50.6560, -35.4924, 29.8180

Details

The Decimal color **4955412** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6689949**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8705104**, and **26880** is the 20% darker color. If you saturate the color by 10%, you get **4365572**, and if you desaturate by 10%, it is **5545252**.

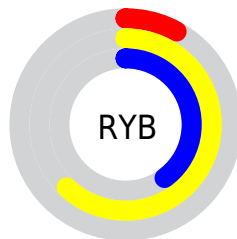
Distribution



Red (29%)

Green (62%)

Blue (8%)



Red (8%)

Yellow (62%)

Blue (40%)

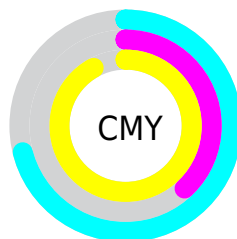


Cyan (52%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4955412 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 4955412 by changing the saturation by 10% instead.



4955412



4955412

16777215



2916864



8705104



26880



10547563



20480



12451718



14336



14417825



8704



16318397



0



16777178



16777207



4955412



4955412

■ 4365572

■ 5545252

■ 4168960

■ 6200627

■ 6790467

■ 7445843

■ 8035682

■ 8625522

■ 9280898

■ 9870738

■ 10526113

Harmonies

Analogous

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



9735936



4955412



42332

Triad

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



4955412



40703



16466296

Complementary

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



4955412



6689949

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.



15093432



4955412



36095

Square

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



4955412



42716



10907630



15685691

Rectangle

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



4955412



42888



10907630



16269710

Sweetspot

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



4955412



11324567



10314772



5465670



15132390



6710886

Same Dimension

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



4955412



5426176



1350943



4869959



3772160



397056

Inverse Universe

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



6689949



7995596



10294418



4998991



5570703



589839

Previews

White Background



This preview shows how the Decimal color 4955412 looks on a white background.

Color Contrast Check

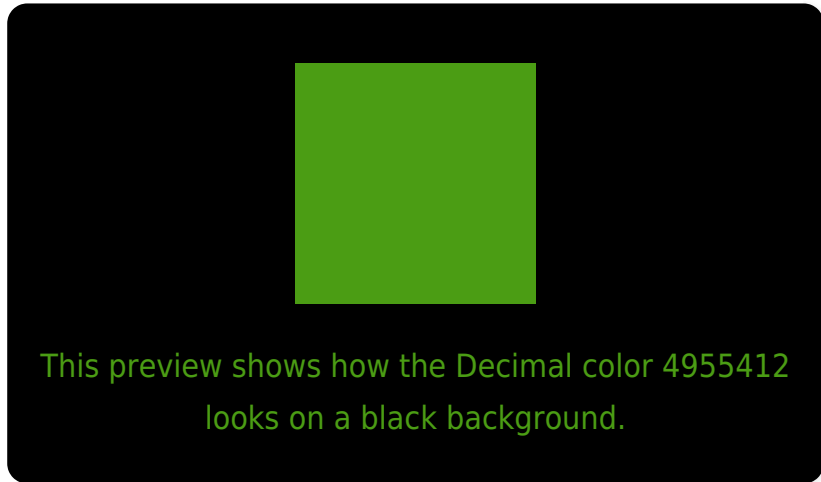
Large Text (above 18pt) WCAG AA ✓ Pass

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 4955412 Background



This preview shows how black text looks on a background with the Decimal color 4955412.

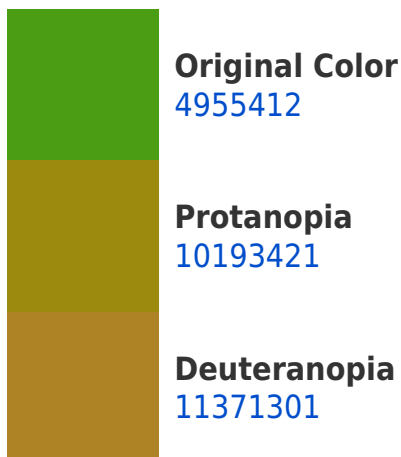


This preview shows how white text looks on a background with the Decimal color 4955412.

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
4955412

Protanomaly
8294672

Deuteranomaly
9014303

Tritanomaly
5871212

Monochromacy



Original Color
4955412

Achromatopsia
7697781

Achromatomaly
6718546

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4955412 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 #4B9D14 looks like.

```
.text, #text, p{  
    color:#4B9D14  
}
```

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 #4B9D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9D14
}
```

Border

The CSS property to change the border of an element to Decimal 4955412 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
#4B9D14 }
```

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

```
.border{ border-color:#4B9D14 }
```

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

Here you see how a box with a 4 pixel #4B9D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9D14; -webkit-box-shadow:4px 4px  
4px 4px #4B9D14; box-shadow:4px 4px 4px  
4px #4B9D14 }
```

Background

The CSS property to change the background color of an element to Decimal 4955412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9D14 }
```

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

```
.background{ background-color:#4B9D14 }
```

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](#).

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