

Converting Colors

Decimal(5213996)

Have a look what the booklet for
Decimal(5213996) contains.

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Color

Decimal(5213996)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4F8F2C |
| RGB | 79, 143, 44 |
| RGB Percent | 31%, 56%, 17% |
| CMY | 0.6902, 0.4392, 0.8275 |
| CMYK | 0.45, 0.00, 0.69, 0.44 |
| HSL | 99°, 53%, 37% |
| HSV | 99°, 69%, 56% |
| XYZ | 13.5015, 21.4890, 5.8191 |
| YIQ | 112.5780, -6.3650, -44.3570 |

Conversions

Conversions Part 2

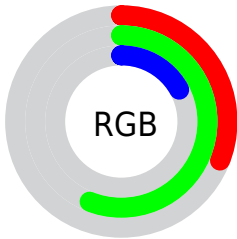
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 44, 143, 108 |
| Decimal | 5213996 |
| CIELab | 53.48, -38.60, 44.46 |
| CIElCh | 53, 58.877, 130.964 |
| Yxy | 21.4890, 0.3308, 0.5266 |
| Android (android.graphics.Color) | 4283404076 (0xFF4F8F2C) |
| YUV | 112.5780, -33.8090, -29.4479 |
| Hunter-Lab | 46.3563, -29.1343, 25.0068 |

Details

The Decimal color **5213996** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7089295**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **8766815**, and **1399808** is the 20% darker color. If you saturate the color by 10%, you get **4624158**, and if you desaturate by 10%, it is **5803834**.

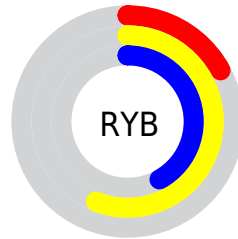
Distribution



Red (31%)

Green (56%)

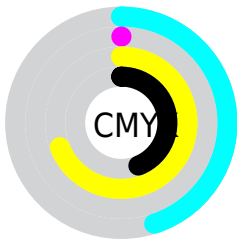
Blue (17%)



Red (17%)

Yellow (56%)

Blue (42%)

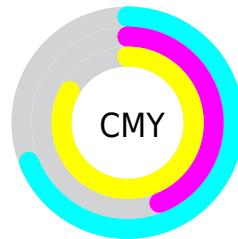


Cyan (45%)

Magenta (0%)

Yellow (69%)

Black (44%)



Cyan (69%)

Magenta (44%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5213996 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 5213996 by changing the saturation by 10% instead.

 5213996

 5213996

16777215

 3437840

 8766815

 1399808

 10609273

 17408

 12451476

 11520

 14352303

 5120

 16252875

 0

 16777192

 5213996

 5213996

 4624158

 5803834

■ 4034319

■ 6393673

■ 3378945

■ 7049047

■ 3378944

■ 7638885

■ 8228724

■ 8818562

■ 9473936

■ 10063774

■ 10653613

Harmonies

Analogous

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



8880898



5213996



38237

Triad

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



5213996



36576



14372207

Complementary

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



5213996



7089295

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.



13259938



5213996



3112932

Square

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



5213996



38593



10119885



13720639

Rectangle

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



5213996



38784



10119885



14175616

Sweetspot

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



5213996



10599059



9399084



5201479



14606046



6184542

Same Dimension

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



5213996



5683744



2920249



4409152



3180288



198656

Inverse Universe

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



7089295



8659130



9383042



4538439



5701767



327688

Previews

White Background



This preview shows how the Decimal color 5213996 looks on a white background.

Color Contrast Check

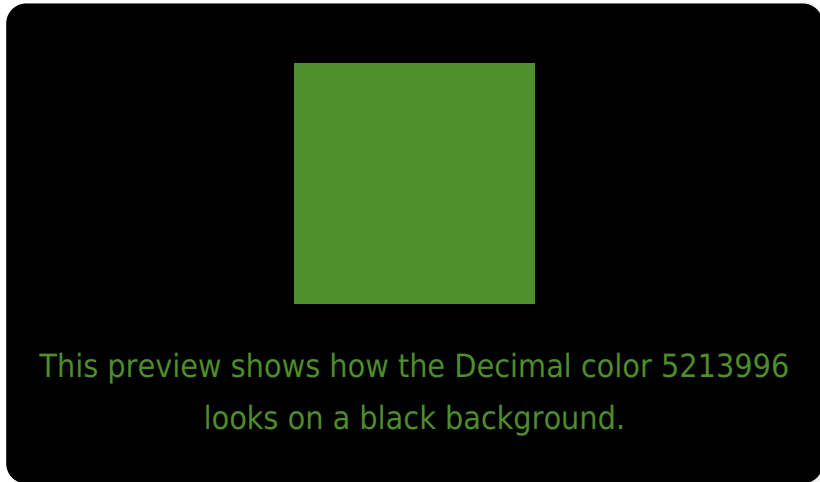
Large Text (above 18pt) WCAG AA ✓ Pass

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 5213996 Background



This preview shows how black text looks on a background with the Decimal color 5213996.




This preview shows how white text looks on a background with the Decimal color 5213996.

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
6260368

Trichromacy



Original Color
5213996

Protanomaly
7832873

Deuteranomaly
8487217

Tritanomaly
5867884

Monochromacy



Original Color
5213996

Achromatopsia
7434609

Achromatomaly
6650968

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5213996 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 #4F8F2C looks like.

```
.text, #text, p{  
    color:#4F8F2C  
}
```

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 #4F8F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8F2C
}
```

Border

The CSS property to change the border of an element to Decimal 5213996 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".

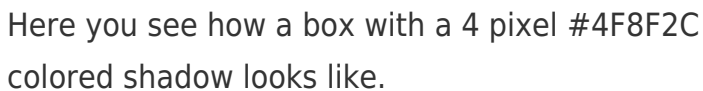
```
.border, #border, table{ border:4px solid
#4F8F2C }
```

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

```
.border{ border-color:#4F8F2C }
```

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

Here you see how a box with a 4 pixel #4F8F2C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the #4F8F2C color mentioned in the text.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8F2C; -webkit-box-shadow:4px 4px  
4px 4px #4F8F2C; box-shadow:4px 4px 4px  
4px #4F8F2C }
```

Background

The CSS property to change the background color of an element to Decimal 5213996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8F2C }
```

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

```
.background{ background-color:#4F8F2C }
```

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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