

# Converting Colors

Decimal(5017896)

Have a look what the booklet for  
Decimal(5017896) contains.

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**Color**

**Decimal(5017896)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 4C9128                      |
| RGB           | 76, 145, 40                 |
| RGB Percent   | 30%, 57%, 16%               |
| CMY           | 0.7020, 0.4314, 0.8431      |
| CMYK          | 0.48, 0.00, 0.72, 0.43      |
| HSL           | 99°, 57%, 36%               |
| HSV           | 99°, 72%, 57%               |
| XYZ           | 13.4889, 21.9405, 5.5315    |
| YIQ           | 112.3990, -7.4190, -47.2830 |

# Conversions

## Conversions Part 2

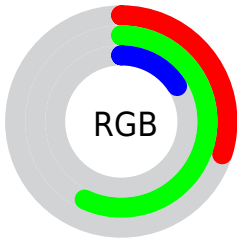
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 40, 145, 109                    |
| Decimal                             | 5017896                         |
| CIELab                              | 53.96, -40.76, 46.55            |
| CIElCh                              | 54, 61.879, 131.205             |
| Yxy                                 | 21.9405, 0.3293,<br>0.5356      |
| Android<br>(android.graphics.Color) | 4283207976<br>(0xFF4C9128)      |
| YUV                                 | 112.3990, -35.6927,<br>-31.9219 |
| Hunter-Lab                          | 46.8407, -30.5679,<br>25.7868   |

# Details


The Decimal color **5017896** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7153809**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **8636508**, and **876032** is the 20% darker color. If you saturate the color by 10%, you get **4362522**, and if you desaturate by 10%, it is **5673271**.

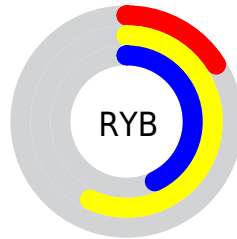
# Distribution



 Red (30%)

 Green (57%)

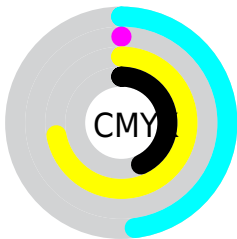
 Blue (16%)



 Red (16%)

 Yellow (57%)

 Blue (43%)

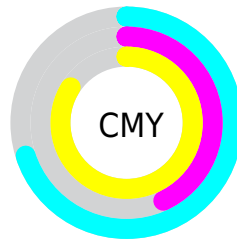


 Cyan (48%)


 Magenta (0%)

 Yellow (72%)

 Black (43%)



 Cyan (70%)

 Magenta (43%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5017896 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 5017896 by changing the saturation by 10% instead.



 5017896

 5017896

16777215

 3176201

 8636508

 876032

 10413174

 17664

 12320657

 11776

 14221228

 5632

 16121800

 0

 16777189

 5017896

 5017896

 4362522

 5673271

■ 3772683

■ 6263109

■ 3313920

■ 6918484

■ 7508322

■ 8163697

■ 8753535

■ 9408910

■ 9998748

■ 10654123

# Harmonies

## Analogous

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



8946944



5017896



38748

# Triad

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



5017896



37094



14699119

# Complementary

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



5017896



7153809

# 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.



13586853



5017896



2392554

# Square

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



5017896



39110



10250706



13982525

# Rectangle

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



5017896



39298



10250706



14567809



# Sweetspot

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



5017896



10599827



9530408



5135942



14606046



6184542



# Same Dimension

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



5017896



5356825



2658616



4409152



3049216



198656



# Inverse Universe

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



7153809



8657341



9513089



4538439



5832839



327688



# Previews

## White Background



This preview shows how the Decimal color 5017896 looks on a white background.

## Color Contrast Check

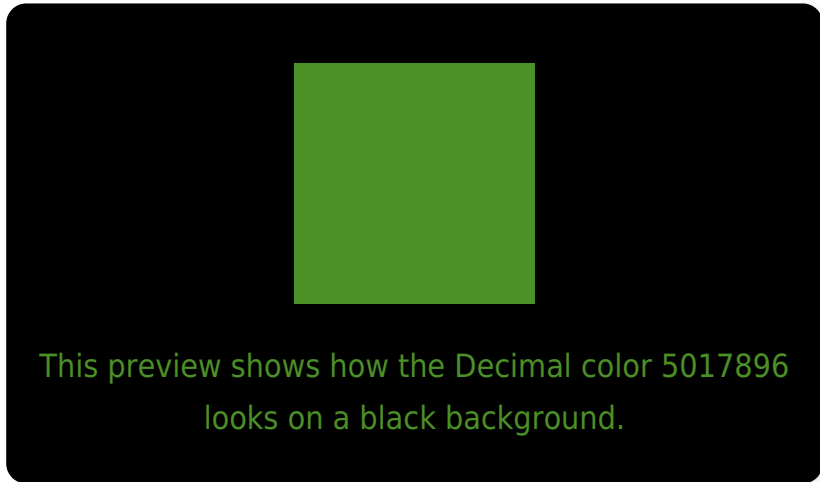
Large Text (above 18pt) WCAG AA ✓ Pass

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 5017896 Background



This preview shows how black text looks on a background with the Decimal color 5017896.



This preview shows how white text looks on a background with the Decimal color 5017896.

# 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**  
5017896

**Protanopia**  
9470244

**Deuteranopia**  
10517041



**Tritanopia**  
6195090

# Trichromacy



**Original Color**  
5017896

**Protanomaly**  
7833381

**Deuteranomaly**  
8487470

**Tritanomaly**  
5737323

# Monochromacy



**Original Color**  
5017896

**Achromatopsia**  
7368816

**Achromatomaly**  
6519894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5017896 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 #4C9128 looks like.

```
.text, #text, p{  
    color:#4C9128  
}
```

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 #4C9128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9128
}
```

## Border

The CSS property to change the border of an element to Decimal 5017896 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
#4C9128 }
```

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

```
.border{ border-color:#4C9128 }
```

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

Here you see how a box with a 4 pixel #4C9128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9128; -webkit-box-shadow:4px 4px  
4px 4px #4C9128; box-shadow:4px 4px 4px  
4px #4C9128 }
```

# Background

The CSS property to change the background color of an element to Decimal 5017896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9128 }
```

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

```
.background{ background-color:#4C9128 }
```

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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