

Converting Colors

Decimal(5014096)

Have a look what the booklet for
Decimal(5014096) contains.

Decimal(5014096)	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(5014096)

Conversions

Conversions Part 1

Format	Color
Hex	4C8250
RGB	76, 130, 80
RGB Percent	30%, 51%, 31%
CMY	0.7020, 0.4902, 0.6863
CMYK	0.42, 0.00, 0.38, 0.49
HSL	124°, 26%, 40%
HSV	124°, 42%, 51%
XYZ	12.4111, 18.0810, 10.4253
YIQ	108.1540, -16.1340, -26.9980

Conversions

Conversions Part 2

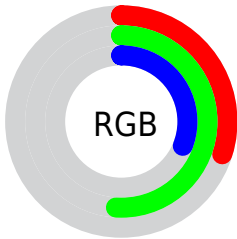
Format	Color
RYB	76, 126, 130
Decimal	5014096
CIELab	49.59, -29.07, 21.60
CIELCh	50, 36.213, 143.389
Yxy	18.0810, 0.3033, 0.4419
Android (android.graphics.Color)	4283204176 (0xFF4C8250)
YUV	108.1540, -13.8799, -28.1991
Hunter-Lab	42.5217, -22.3130, 15.2288

Details

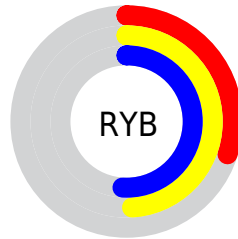
The Decimal color **5014096** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8539262**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **8435586**, and **1658914** is the 20% darker color. If you saturate the color by 10%, you get **4162116**, and if you desaturate by 10%, it is **5866076**.

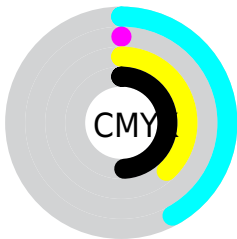
Distribution



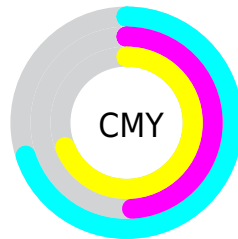
- Red (30%)
- Green (51%)
- Blue (31%)



- Red (30%)
- Yellow (49%)
- Blue (51%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (49%)



- Cyan (70%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5014096 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 5014096 by changing the saturation by 10% instead.



5014096



5014096

16777215



3369273



8435586



1658914



10146716



14605



11989175



9216



13828051



0



15663087



5014096



5014096



4162116



5866076



3310136



6718056

■ 2458156

■ 7570036

■ 1606176

■ 8422016

■ 754196

■ 9273996

■ 33290

■ 10125976

■ 10977956

■ 11829936

■ 12681916

Harmonies

Analogous

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



7437116



5014096



1017198

Triad

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



5014096



3177395



11558495

Complementary

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



5014096



8539262

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.



11296126



5014096



7238062

Square

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



5014096



33447



9856411



10839878

Rectangle

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



5014096



34435



9856411



11558249

Sweetspot

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



5014096



9742486



8290892



4740169



13948116



5526612

Same Dimension

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



5014096



5548122



5014123



3751994



32777



0

Inverse Universe

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



8539262



11031714



8539235



4208959



8388726



0

Previews

White Background



This preview shows how the Decimal color 5014096 looks on a white background.

Color Contrast Check

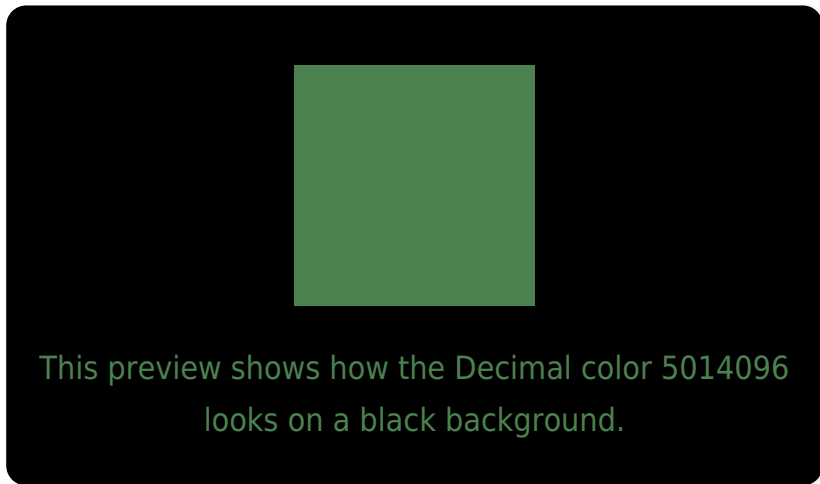
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 5014096 Background



This preview shows how black text looks on a background with the Decimal color 5014096.



This preview shows how white text looks on a background with the Decimal color 5014096.

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
5014096

Protanopia
8418635

Deuteranopia
9138260



Tritanopia
5733509

Trichromacy



Original Color
5014096

Protanomaly
7174733

Deuteranomaly
7632723

Tritanomaly
5471858

Monochromacy



Original Color
5014096

Achromatopsia
7105644

Achromatomaly
6321250

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5014096 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 #4C8250 looks like.

```
.text, #text, p{  
  color:#4C8250  
}
```

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 #4C8250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8250
}
```

Border

The CSS property to change the border of an element to Decimal 5014096 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
#4C8250 }
```

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

```
.border{ border-color:#4C8250 }
```

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

Here you see how a box with a 4 pixel #4C8250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8250; -webkit-box-shadow:4px 4px  
4px 4px #4C8250; box-shadow:4px 4px 4px  
4px #4C8250 }
```

Background

The CSS property to change the background color of an element to Decimal 5014096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8250 }
```

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

```
.background{ background-color:#4C8250 }
```

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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