

Converting Colors

Decimal(5080619)

Have a look what the booklet for
Decimal(5080619) contains.

Decimal(5080619)	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(5080619)

Conversions

Conversions Part 1

Format	Color
Hex	4D862B
RGB	77, 134, 43
RGB Percent	30%, 53%, 17%
CMY	0.6980, 0.4745, 0.8314
CMYK	0.43, 0.00, 0.68, 0.47
HSL	98°, 51%, 35%
HSV	98°, 68%, 53%
XYZ	12.0217, 18.8024, 5.2811
YIQ	106.5830, -4.7610, -40.3850

Conversions

Conversions Part 2

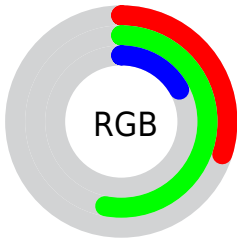
Format	Color
RYB	43, 134, 100
Decimal	5080619
CIELab	50.46, -35.46, 41.64
CIELCh	50, 54.694, 130.418
Yxy	18.8024, 0.3330, 0.5208
Android (android.graphics.Color)	4283270699 (0xFF4D862B)
YUV	106.5830, -31.3464, -25.9443
Hunter-Lab	43.3617, -26.3952, 23.1322

Details

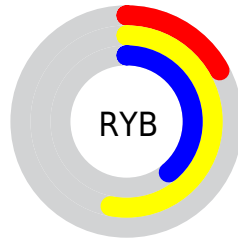
The Decimal color **5080619** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6564742**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8567901**, and **1397760** is the 20% darker color. If you saturate the color by 10%, you get **4556318**, and if you desaturate by 10%, it is **5604920**.

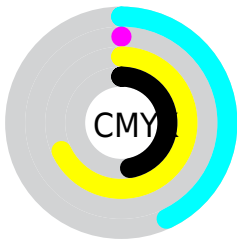
Distribution



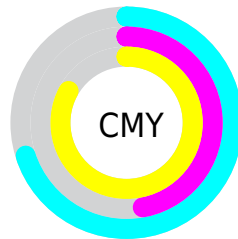
- Red (30%)
- Green (53%)
- Blue (17%)



- Red (17%)
- Yellow (53%)
- Blue (39%)



- Cyan (43%)
- Magenta (0%)
- Yellow (68%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5080619 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 5080619 by changing the saturation by 10% instead.

■ 5080619

■ 5080619

16777215

■ 3304464

■ 8567901

■ 1397760

■ 10410103

■ 15360

■ 12252306

■ 9984

■ 14090157

■ 768

■ 15990729

■ 0

■ 16777189

■ 5080619

■ 5080619

■ 4556318

■ 5604920

■ 3966480

■ 6194758

■ 3442179

■ 6719059

■ 3311104

■ 7308897

■ 7833198

■ 8357499

■ 8947337

■ 9471638

■ 10061476

Harmonies

Analogous

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



8420106



5080619



35927

Triad

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



5080619



34512



13388394

Complementary

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



5080619



6564742

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.



12341656



5080619



3111124

Square

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



5080619



36020



9397440



12801854

Rectangle

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



5080619



36471



9397440



13257337

Sweetspot

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



5080619



10005899



8807211



4872002



14079702



5723991

Same Dimension

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



5080619



5614881



2852406



4080188



3244544



66304

Inverse Universe

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



6564742



7938477



8792955



4209730



5308546



131075

Previews

White Background



This preview shows how the Decimal color 5080619 looks on a white background.

Color Contrast Check

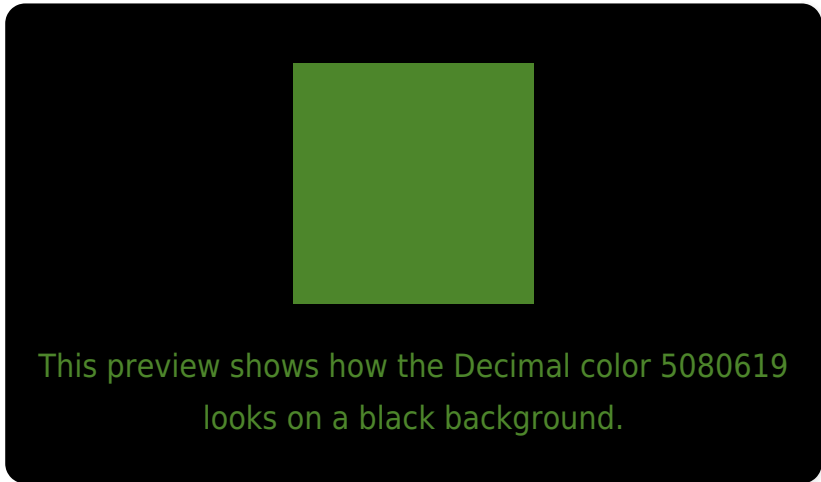
Large Text (above 18pt) WCAG AA ✓ Pass

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 5080619 Background



This preview shows how black text looks on a background with the Decimal color 5080619.




This preview shows how white text looks on a background with the Decimal color 5080619.

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
6061447

Trichromacy



Original Color
5080619

Protanomaly
7437608

Deuteranomaly
8026415

Tritanomaly
5734502

Monochromacy



Original Color
5080619

Achromatopsia
7039851

Achromatomaly
6321492

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5080619 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 #4D862B looks like.

```
.text, #text, p{  
    color:#4D862B  
}
```

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 #4D862B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D862B
}
```

Border

The CSS property to change the border of an element to Decimal 5080619 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
#4D862B }
```

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

```
.border{ border-color:#4D862B }
```

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

Here you see how a box with a 4 pixel #4D862B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D862B; -webkit-box-shadow:4px 4px  
4px 4px #4D862B; box-shadow:4px 4px 4px  
4px #4D862B }
```

Background

The CSS property to change the background color of an element to Decimal 5080619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D862B }
```

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

```
.background{ background-color:#4D862B }
```

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