

Converting Colors

Decimal(5201161)

Have a look what the booklet for
Decimal(5201161) contains.

Decimal(5201161)	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(5201161)

Conversions

Conversions Part 1

Format	Color
Hex	4F5D09
RGB	79, 93, 9
RGB Percent	31%, 36%, 4%
CMY	0.6902, 0.6353, 0.9647
CMYK	0.15, 0.00, 0.90, 0.64
HSL	70°, 82%, 20%
HSV	70°, 90%, 36%
XYZ	7.1881, 9.5107, 1.7153
YIQ	79.2380, 18.6200, -29.0920

Conversions

Conversions Part 2

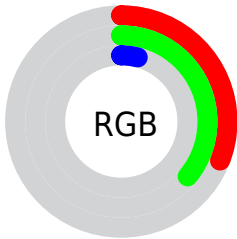
Format	Color
R_{YB}	9, 93, 23
Decimal	5201161
CIE Lab	36.95, -16.79, 41.16
CIE LCh	37, 44.447, 112.190
Yxy	9.5107, 0.3904, 0.5165
Android (android.graphics.Color)	4283391241 (0xFF4F5D09)
YUV	79.2380, -34.6273, -0.2087
Hunter-Lab	30.8394, -12.3638, 18.2898

Details

The Decimal color **5201161** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1509725**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8621886**, and **1978112** is the 20% darker color. If you saturate the color by 10%, you get **5135616**, and if you desaturate by 10%, it is **5332242**.

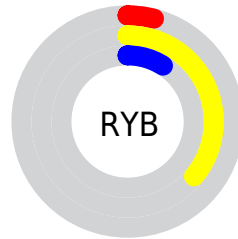
Distribution



Red (31%)

Green (36%)

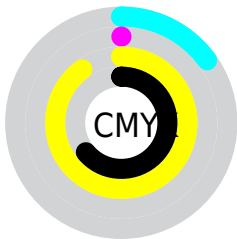
Blue (4%)



Red (4%)

Yellow (36%)

Blue (9%)

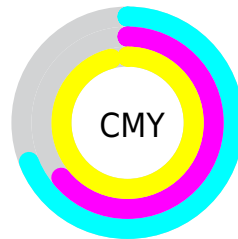


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5201161 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 5201161 by changing the saturation by 10% instead.

 5201161

 5201161

 16777210

 3622144

 8621886

 1978112

 10398295

 7168

 12240240

 0

 14082442

 15990437

 16777153

 16777181

 5201161

 5201161

■ 5135616

■ 5332242

■ 5397788

■ 5528869

■ 5594414

■ 5725495

■ 5791041

■ 5922122

■ 5987667

■ 6118749

Harmonies

Analogous

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



7361028



5201161



2057256

Triad

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



5201161



25999



9581666

Complementary

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



5201161



1509725

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.



7946627



5201161



24222

Square

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



5201161



26737



4477338



9909822

Rectangle

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



5201161



26176



4477338



9189486

Sweetspot

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



5201161



7501911



6100745



3816746



12434877



4013373

Same Dimension

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



5201161



6584320



2514185



2960937



5991936



13036800

Inverse Universe

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



1509725



1310840



4262237



2763054



1179758



2621677

Previews

White Background



This preview shows how the Decimal color 5201161 looks on a white background.

Color Contrast Check

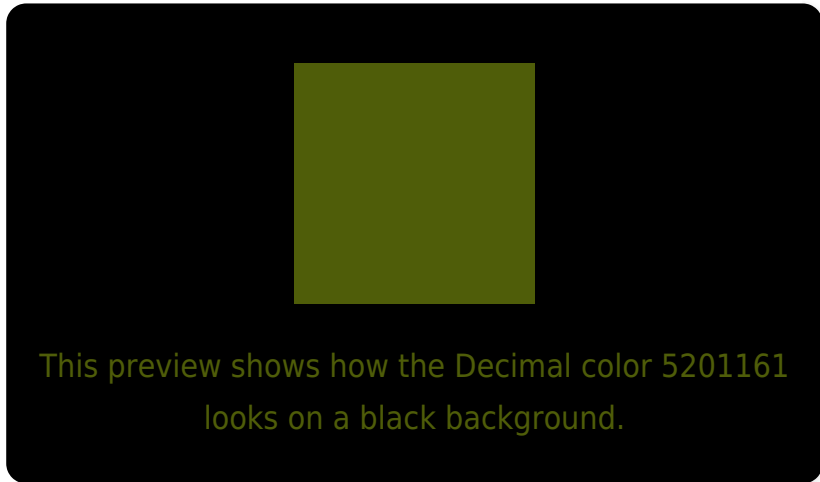
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

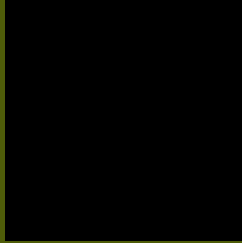
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5201161 Background



This preview shows how black text looks on a background with the Decimal color 5201161.



This preview shows how white text looks on a background with the Decimal color 5201161.

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
5201161

Protanopia
6444806

Deuteranopia
7229970



Tritanopia
5658205

Trichromacy



Original Color
5201161

Protanomaly
5986567

Deuteranomaly
6510095

Tritanomaly
5462334

Monochromacy



Original Color
5201161

Achromatopsia
5197647

Achromatomaly
5198902

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5201161 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 #4F5D09 looks like.

```
.text, #text, p{  
  color:#4F5D09  
}
```

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 #4F5D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5D09
}
```

Border

The CSS property to change the border of an element to Decimal 5201161 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
#4F5D09 }
```

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

```
.border{ border-color:#4F5D09 }
```

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

Here you see how a box with a 4 pixel #4F5D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5D09; -webkit-box-shadow:4px 4px  
4px 4px #4F5D09; box-shadow:4px 4px 4px  
4px #4F5D09 }
```

Background

The CSS property to change the background color of an element to Decimal 5201161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5D09 }
```

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

```
.background{ background-color:#4F5D09 }
```

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