

Converting Colors

Decimal(5136209)

Have a look what the booklet for
Decimal(5136209) contains.

Decimal(5136209)	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(5136209)

Conversions

Conversions Part 1

Format	Color
Hex	4E5F51
RGB	78, 95, 81
RGB Percent	31%, 37%, 32%
CMY	0.6941, 0.6275, 0.6824
CMYK	0.18, 0.00, 0.15, 0.63
HSL	131°, 10%, 34%
HSV	131°, 18%, 37%
XYZ	8.7193, 10.3982, 9.3321
YIQ	88.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

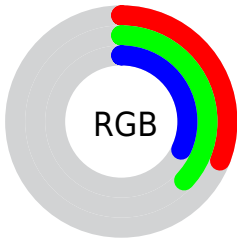
Format	Color
R _Y B	78, 92, 95
Decimal	5136209
CIE Lab	38.55, -9.62, 5.87
CIE LCh	39, 11.266, 148.611
Yxy	10.3982, 0.3065, 0.3655
Android (android.graphics.Color)	4283326289 (0xFF4E5F51)
YUV	88.3210, -3.6093, -9.0515
Hunter-Lab	32.2462, -8.1650, 5.4138

Details

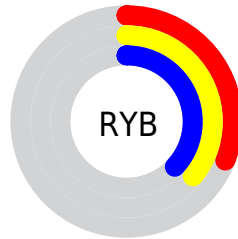
The Decimal color **5136209** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6245980**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8360322**, and **2175268** is the 20% darker color. If you saturate the color by 10%, you get **4546377**, and if you desaturate by 10%, it is **5791577**.

Distribution



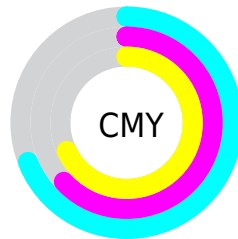
- Red (31%)
- Green (37%)
- Blue (32%)



- Red (31%)
- Yellow (36%)
- Blue (37%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (63%)



- Cyan (69%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5136209 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 5136209 by changing the saturation by 10% instead.

■ 5136209

■ 5136209

16777215

■ 3622714

■ 8360322

■ 2175268

■ 10071196

■ 859152

■ 11847607

■ 0

■ 13689811

■ 15532015

■ 5136209

■ 5136209

■ 4546377

■ 5791577

■ 3891009

■ 6381409

■ 3301178

■ 7036776

■ 2645810

■ 7626608

■ 2055978

■ 8281976

■ 1400610

■ 8871808

■ 810778

■ 9527176

■ 155410

■ 10117008

■ 24337

■ 10772375

Harmonies

Analogous

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



5791051



5136209



4612186

Triad

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



5136209



5266541



7230802

Complementary

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



5136209



6245980

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.



7165020



5136209



6052203

Square

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



5136209



4611690



6706788



6969163

Rectangle

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



5136209



4415584



6706788



7230805

Sweetspot

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



5136209



7633525



6053710



3816762



12434877



4013373

Same Dimension

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



5136209



6388325



5136217



2895916



28692



61482

Inverse Universe

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



6245980



8020342



6245972



3157040



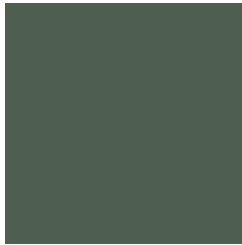
7340124



15728837

Previews

White Background



This preview shows how the Decimal color 5136209 looks on a white background.

Color Contrast Check

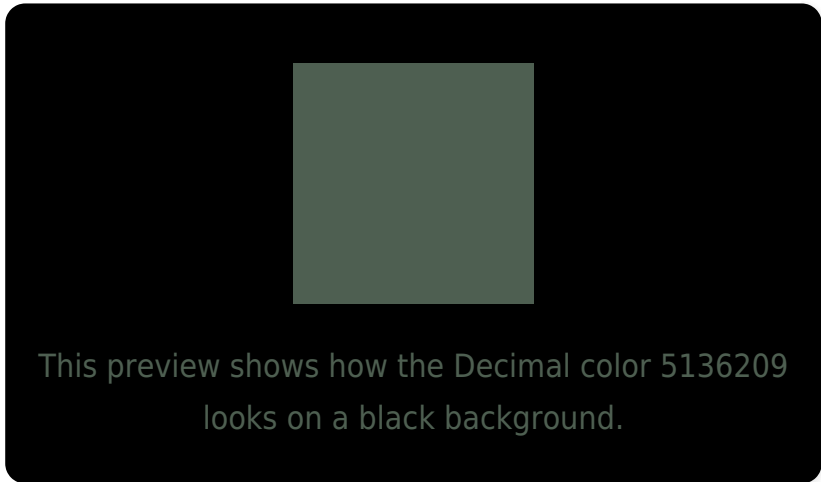
Large Text (above 18pt) WCAG AA ✓ Pass

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

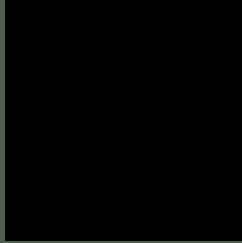
Any Text WCAG AA × Fail

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 5136209 Background



This preview shows how black text looks on a background with the Decimal color 5136209.

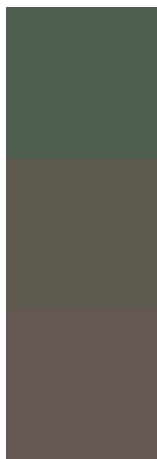


This preview shows how white text looks on a background with the Decimal color 5136209.

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
5136209

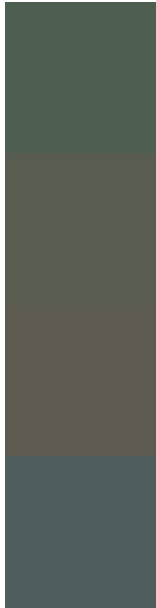
Protanopia
6249039

Deuteranopia
6707027



Tritanopia
5332068

Trichromacy



Original Color
5136209

Protanomaly
5856336

Deuteranomaly
6117970

Tritanomaly
5266781

Monochromacy



Original Color
5136209

Achromatopsia
5789784

Achromatomaly
5528405

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5136209 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 #4E5F51 looks like.

```
.text, #text, p{  
  color:#4E5F51  
}
```

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 #4E5F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5F51
}
```

Border

The CSS property to change the border of an element to Decimal 5136209 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
#4E5F51 }
```

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

```
.border{ border-color:#4E5F51 }
```

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

Here you see how a box with a 4 pixel #4E5F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5F51; -webkit-box-shadow:4px 4px  
4px 4px #4E5F51; box-shadow:4px 4px 4px  
4px #4E5F51 }
```

Background

The CSS property to change the background color of an element to Decimal 5136209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5F51 }
```

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

```
.background{ background-color:#4E5F51 }
```

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