

Converting Colors

Decimal(5136951)

Have a look what the booklet for
Decimal(5136951) contains.

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Color

Decimal(5136951)

Conversions

Conversions Part 1

Format	Color
Hex	4E6237
RGB	78, 98, 55
RGB Percent	31%, 38%, 22%
CMY	0.6941, 0.6157, 0.7843
CMYK	0.20, 0.00, 0.44, 0.62
HSL	88°, 28%, 30%
HSV	88°, 44%, 38%
XYZ	8.1992, 10.6309, 5.2343
YIQ	87.1180, 1.8830, -17.6130

Conversions

Conversions Part 2

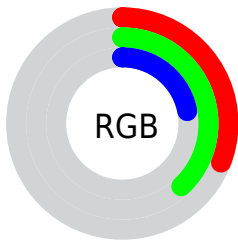
Format	Color
RYB	55, 98, 75
Decimal	5136951
CIELab	38.95, -15.93, 22.02
CIElCh	39, 27.183, 125.888
Yxy	10.6309, 0.3407, 0.4418
Android (android.graphics.Color)	4283327031 (0xFF4E6237)
YUV	87.1180, -15.8342, -7.9965
Hunter-Lab	32.6051, -12.1717, 13.3054

Details

The Decimal color **5136951** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4929378**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8426855**, and **2110219** is the 20% darker color. If you saturate the color by 10%, you get **4809261**, and if you desaturate by 10%, it is **5464641**.

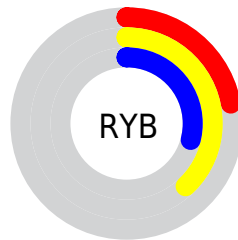
Distribution



Red (31%)

Green (38%)

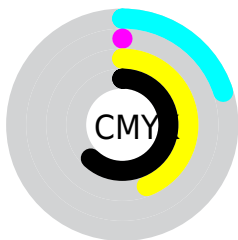
Blue (22%)



Red (22%)

Yellow (38%)

Blue (29%)

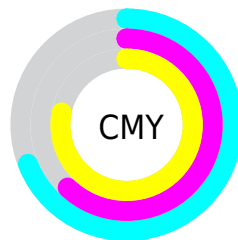


Cyan (20%)

Magenta (0%)

Yellow (44%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5136951 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 5136951 by changing the saturation by 10% instead.



5136951



5136951

16777215



3557921



8426855



2110219



10137472



597504



11914138



0



13756341



15597521



16777197



5136951



5136951



4809261



5464641

■ 4547107

■ 5726795

■ 4219418

■ 6054484

■ 3957264

■ 6316638

■ 3629574

■ 6644328

■ 3432960

■ 6906482

■ 7234172

■ 7496325

■ 7824015

Harmonies

Analogous

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



6708271



5136951



3302985

Triad

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



5136951



877444



8800856

Complementary

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



5136951



4929378

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.



8080750



5136951



4283527

Square

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



5136951



26229



6575232



8670531

Rectangle

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



5136951



1664856



6575232



8604256

Sweetspot

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



5136951



7897199



6441527



3883062



12566463



4210752

Same Dimension

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



5136951



6324284



3760695



3026988



3960832



8450048

Inverse Universe

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



4929378



5979264



6305634



3025968



3407984



7274736

Previews

White Background



This preview shows how the Decimal color 5136951 looks on a white background.

Color Contrast Check

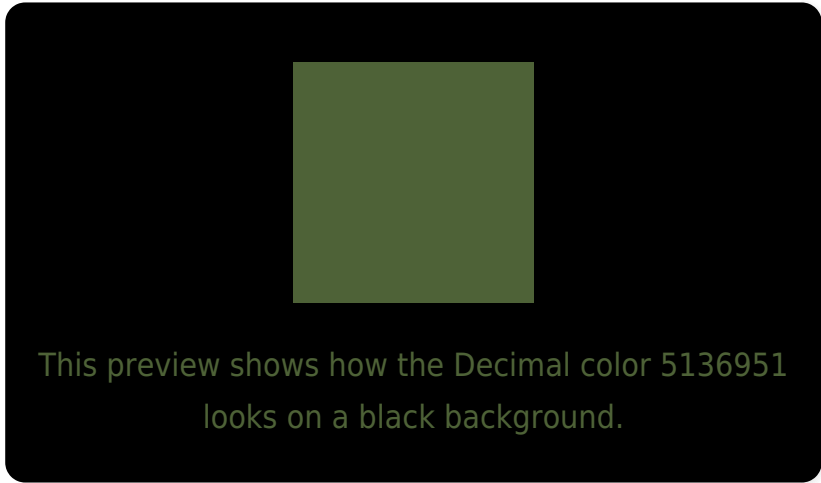
Large Text (above 18pt) WCAG AA ✓ Pass

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

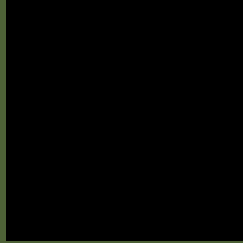
Any Text WCAG AA × Fail

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 5136951 Background



This preview shows how black text looks on a background with the Decimal color 5136951.



This preview shows how white text looks on a background with the Decimal color 5136951.

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](#).

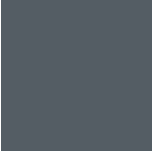
Dichromacy



Original Color
5136951

Protanopia
6577205

Deuteranopia
7296825



Tritanopia
5528932

Trichromacy



Original Color
5136951

Protanomaly
6053430

Deuteranomaly
6511416

Tritanomaly
5398356

Monochromacy



Original Color
5136951

Achromatopsia
5723991

Achromatomaly
5528395

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5136951 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 #4E6237 looks like.

```
.text, #text, p{  
  color:#4E6237  
}
```

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 #4E6237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6237
}
```

Border

The CSS property to change the border of an element to Decimal 5136951 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".

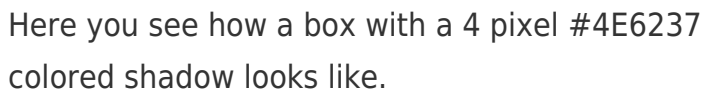
```
.border, #border, table{ border:4px solid
#4E6237 }
```

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

```
.border{ border-color:#4E6237 }
```

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

Here you see how a box with a 4 pixel #4E6237 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6237; -webkit-box-shadow:4px 4px  
4px 4px #4E6237; box-shadow:4px 4px 4px  
4px #4E6237 }
```

Background

The CSS property to change the background color of an element to Decimal 5136951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6237 }
```

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

```
.background{ background-color:#4E6237 }
```

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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