

Converting Colors

Decimal(5131340)

Have a look what the booklet for
Decimal(5131340) contains.

Decimal(5131340)	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(5131340)

Conversions

Conversions Part 1

Format	Color
Hex	4E4C4C
RGB	78, 76, 76
RGB Percent	31%, 30%, 30%
CMY	0.6941, 0.7020, 0.7020
CMYK	0.00, 0.03, 0.03, 0.69
HSL	0°, 1%, 30%
HSV	0°, 3%, 31%
XYZ	7.0308, 7.3104, 7.8780
YIQ	76.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	78, 76, 76
Decimal	5131340
CIE Lab	32.50, 0.82, 0.29
CIE LCh	33, 0.873, 19.223
Yxy	7.3104, 0.3164, 0.3290
Android (android.graphics.Color)	4283321420 (0xFF4E4C4C)
YUV	76.5980, -0.2948, 1.2296
Hunter-Lab	27.0377, -0.8993, 1.6511

Details

The Decimal color **5131340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5000782**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **8355197**, and **2236448** is the 20% darker color. If you saturate the color by 10%, you get **5129284**, and if you desaturate by 10%, it is **5133396**.

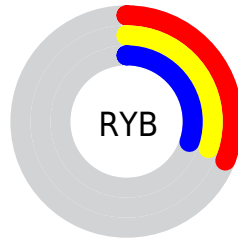
Distribution



Red (31%)

Green (30%)

Blue (30%)



Red (31%)

Yellow (30%)

Blue (30%)

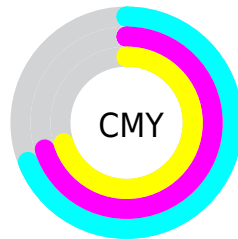


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (69%)



Cyan (69%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5131340 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 5131340 by changing the saturation by 10% instead.

■ 5131340

■ 5131340

16777215

■ 3618101

■ 8355197

■ 2236448

■ 10065815

■ 788488

■ 11841969

■ 0

■ 13618637

■ 15460841

■ 5131340

■ 5131340

■ 5129284

■ 5133396

■ 5127228

■ 5135452

■ 5125429

■ 5137251

■ 5123373

■ 5139307

■ 5121317

■ 5141363

■ 5119261

■ 5143419

■ 5117205

■ 5145475

■ 5115406

■ 5147274

■ 5113350

■ 5149330

Harmonies

Analogous

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



5131341



5131340



5131339

Triad

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



5131340



5000524



5000526

Complementary

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



5131340



5000782

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.



4934989



5131340



4934988

Square

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



5131340



5066059



4934989



5000270

Rectangle

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



5131340



5131339



4934989



4934990

Sweetspot

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



5131340



6710629



5131342



3355186



11776947



3355443

Same Dimension

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



5131340



6710115



5131596



2499877



6684672



15073280

Inverse Universe

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



5000782



6514278



5000526



2434598



26214



59110

Previews

White Background



This preview shows how the Decimal color 5131340 looks on a white background.

Color Contrast Check

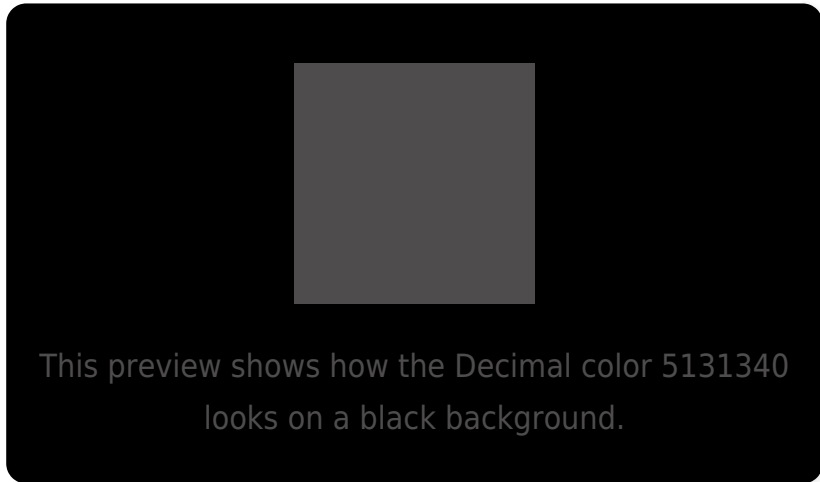
Large Text (above 18pt) WCAG AA ✓ Pass

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

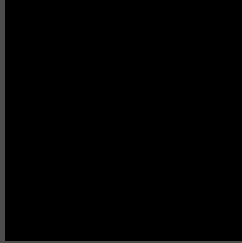
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

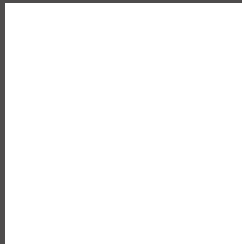
Any Text WCAG AAA × Fail

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

Decimal 5131340 Background



This preview shows how black text looks on a background with the Decimal color 5131340.



This preview shows how white text looks on a background with the Decimal color 5131340.

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
5131340

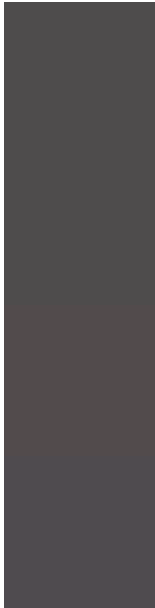
Protanopia
5131340

Deuteranopia
5524044



Tritanopia
5196625

Trichromacy



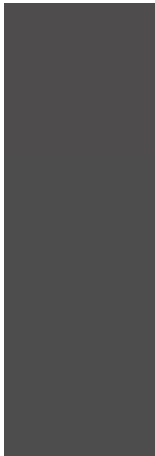
Original Color
5131340

Protanomaly
5131340

Deuteranomaly
5393228

Tritanomaly
5196623

Monochromacy



Original Color
5131340

Achromatopsia
5066061

Achromatomaly
5066061

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5131340 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 #4E4C4C looks like.

```
.text, #text, p{  
    color:#4E4C4C  
}
```

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 #4E4C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4C4C
}
```

Border

The CSS property to change the border of an element to Decimal 5131340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

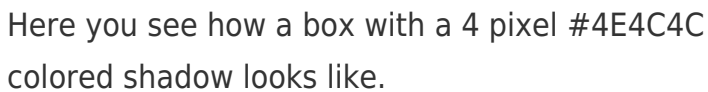
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4C4C }
```

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

```
.border{ border-color:#4E4C4C }
```

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



Here you see how a box with a 4 pixel #4E4C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4C4C; -webkit-box-shadow:4px 4px  
4px 4px #4E4C4C; box-shadow:4px 4px 4px  
4px #4E4C4C }
```

Background

The CSS property to change the background color of an element to Decimal 5131340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4C4C }
```

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

```
.background{ background-color:#4E4C4C }
```

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