

Converting Colors

Decimal(5002312)

Have a look what the booklet for
Decimal(5002312) contains.

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Color

Decimal(5002312)

Conversions

Conversions Part 1

Format	Color
Hex	4C5448
RGB	76, 84, 72
RGB Percent	30%, 33%, 28%
CMY	0.7020, 0.6706, 0.7176
CMYK	0.10, 0.00, 0.14, 0.67
HSL	100°, 8%, 31%
HSV	100°, 14%, 33%
XYZ	7.3205, 8.3450, 7.3558
YIQ	80.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

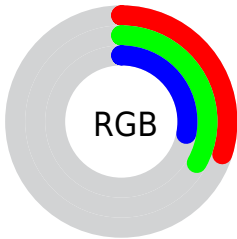
Format	Color
R_YB	72, 84, 80
Decimal	5002312
CIE Lab	34.69, -5.76, 5.94
CIE LCh	35, 8.279, 134.116
Yxy	8.3450, 0.3180, 0.3625
Android (android.graphics.Color)	4283192392 (0xFF4C5448)
YUV	80.2400, -4.0623, -3.7185
Hunter-Lab	28.8878, -5.3195, 5.1242

Details

The Decimal color **5002312** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5261396**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8226424**, and **2107165** is the 20% darker color. If you saturate the color by 10%, you get **4609088**, and if you desaturate by 10%, it is **5395536**.

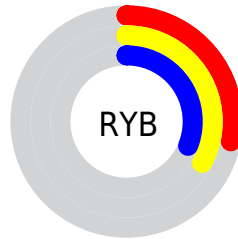
Distribution



Red (30%)

Green (33%)

Blue (28%)



Red (28%)

Yellow (33%)

Blue (31%)

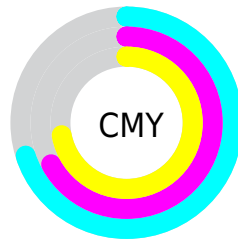


Cyan (10%)

Magenta (0%)

Yellow (14%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5002312 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 5002312 by changing the saturation by 10% instead.

■ 5002312

■ 5002312

16777215

■ 3489074

■ 8226424

■ 2107165

■ 9937042

■ 594690

■ 11647917

■ 0

■ 13489864

■ 15332324

■ 5002312

■ 5002312

■ 4609088

■ 5395536

■ 4281399

■ 5723225

■ 3888175

■ 6116449

■ 3560486

■ 6444138

■ 3167262

■ 6837362

■ 2774038

■ 7230586

■ 2446349

■ 7558275

■ 2053125

■ 7951499

■ 1856512

■ 8279188

Harmonies

Analogous

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



5526085



5002312



4543822

Triad

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



5002312



4608862



6311247

Complementary

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



5002312



5261396

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.



6114645



5002312



5132638

Square

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



5002312



4281690



5721947



6245961

Rectangle

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



5002312



4347218



5721947



6245713

Sweetspot

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



5002312



7040617



5525576



3553333



12105912



3684408

Same Dimension

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



5002312



6385243



4740170



2500901



2320640



5105664

Inverse Universe

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



5261396



6773614



5523538



2565417



4587625



10158312

Previews

White Background



This preview shows how the Decimal color 5002312 looks on a white background.

Color Contrast Check

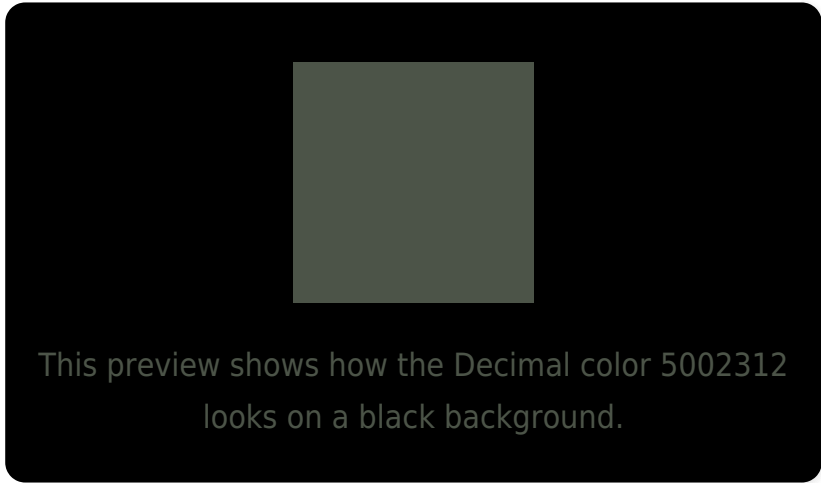
Large Text (above 18pt) WCAG AA ✓ Pass

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

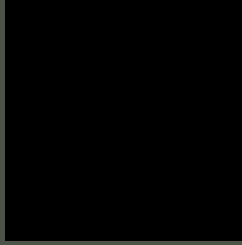
Any Text WCAG AA × Fail

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 5002312 Background



This preview shows how black text looks on a background with the Decimal color 5002312.



This preview shows how white text looks on a background with the Decimal color 5002312.

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
5002312

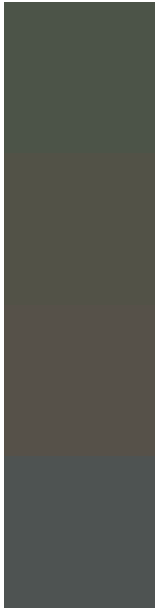
Protanopia
5591367

Deuteranopia
6049609



Tritanopia
5198424

Trichromacy



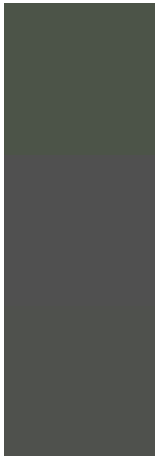
Original Color
5002312

Protanomaly
5395015

Deuteranomaly
5656905

Tritanomaly
5133138

Monochromacy



Original Color
5002312

Achromatopsia
5263440

Achromatomaly
5198157

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5002312 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 #4C5448 looks like.

```
.text, #text, p{  
    color:#4C5448  
}
```

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 #4C5448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5448
}
```

Border

The CSS property to change the border of an element to Decimal 5002312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

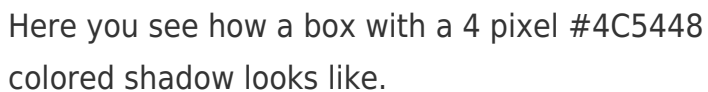
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5448 }
```

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

```
.border{ border-color:#4C5448 }
```

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



Here you see how a box with a 4 pixel #4C5448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5448; -webkit-box-shadow:4px 4px  
4px 4px #4C5448; box-shadow:4px 4px 4px  
4px #4C5448 }
```

Background

The CSS property to change the background color of an element to Decimal 5002312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5448 }
```

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

```
.background{ background-color:#4C5448 }
```

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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