

Converting Colors

Decimal(5065801)

Have a look what the booklet for
Decimal(5065801) contains.

Decimal(5065801)	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(5065801)

Conversions

Conversions Part 1

Format	Color
Hex	4D4C49
RGB	77, 76, 73
RGB Percent	30%, 30%, 29%
CMY	0.6980, 0.7020, 0.7137
CMYK	0.00, 0.01, 0.05, 0.70
HSL	45°, 3%, 29%
HSV	45°, 5%, 30%
XYZ	6.8476, 7.2277, 7.3375
YIQ	75.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

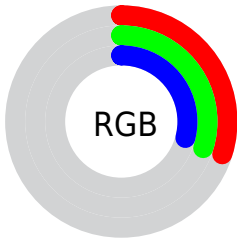
Format	Color
RYB	74, 77, 73
Decimal	5065801
CIELab	32.32, -0.22, 1.92
CIElCh	32, 1.935, 96.637
Yxy	7.2277, 0.3198, 0.3375
Android (android.graphics.Color)	4283255881 (0xFF4D4C49)
YUV	75.9570, -1.4578, 0.9147
Hunter-Lab	26.8844, -1.5827, 2.6372

Details

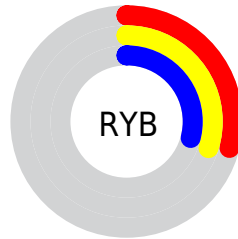
The Decimal color **5065801** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4803149**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **8289658**, and **2170910** is the 20% darker color. If you saturate the color by 10%, you get **5065281**, and if you desaturate by 10%, it is **5066321**.

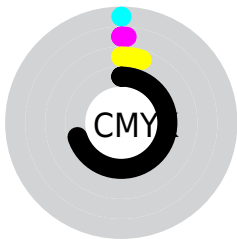
Distribution



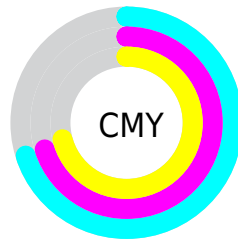
- Red (30%)
- Green (30%)
- Blue (29%)



- Red (29%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (70%)



- Cyan (70%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5065801 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 5065801 by changing the saturation by 10% instead.

■ 5065801

■ 5065801

16777215

■ 3552563

■ 8289658

■ 2170910

■ 10000275

■ 657412

■ 11710894

■ 0

■ 13553097

■ 15395301

■ 5065801

■ 5065801

■ 5065281

■ 5066321

■ 5064762

■ 5066840

■ 5064242

■ 5067360

■ 5063722

■ 5067880

■ 5063203

■ 5068399

■ 5062683

■ 5068919

■ 5062419

■ 5069183

■ 5061899

■ 5069703

■ 5061380

■ 5070222

Harmonies

Analogous

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



5196873



5065801



4934730

Triad

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



5065801



4738382



5131085

Complementary

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



5065801



4803149

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.



5065806



5065801



4803663

Square

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



5065801



4803916



4934735



5196620

Rectangle

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



5065801



4869450



4934735



5131086

Sweetspot

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



5065801



6513505



5065034



3355442



11776947



3355443

Same Dimension

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



5065801



6513245



5000521



2500132



6704384



15117312

Inverse Universe

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



4803149



6119267



4868429



2368550



6502



14822

Previews

White Background



This preview shows how the Decimal color 5065801 looks on a white background.

Color Contrast Check

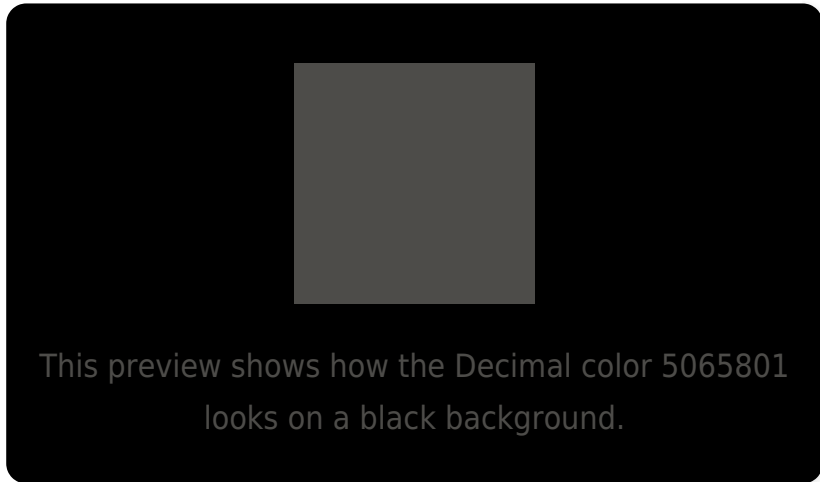
Large Text (above 18pt) WCAG AA ✓ Pass

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

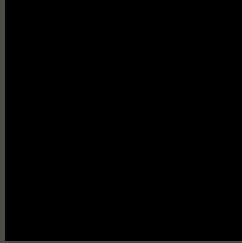
Any Text WCAG AA × Fail

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 5065801 Background



This preview shows how black text looks on a background with the Decimal color 5065801.



This preview shows how white text looks on a background with the Decimal color 5065801.

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
5065801

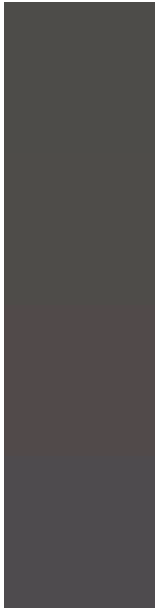
Protanopia
5131337

Deuteranopia
5523786



Tritanopia
5131089

Trichromacy



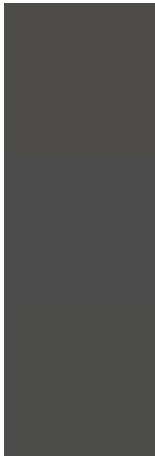
Original Color
5065801

Protanomaly
5131337

Deuteranomaly
5327434

Tritanomaly
5131086

Monochromacy



Original Color
5065801

Achromatopsia
5000268

Achromatomaly
5000267

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5065801 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 #4D4C49 looks like.

```
.text, #text, p{  
  color:#4D4C49  
}
```

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 #4D4C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4C49
}
```

Border

The CSS property to change the border of an element to Decimal 5065801 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
#4D4C49 }
```

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

```
.border{ border-color:#4D4C49 }
```

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

Here you see how a box with a 4 pixel #4D4C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4C49; -webkit-box-shadow:4px 4px  
4px 4px #4D4C49; box-shadow:4px 4px 4px  
4px #4D4C49 }
```

Background

The CSS property to change the background color of an element to Decimal 5065801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4C49 }
```

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

```
.background{ background-color:#4D4C49 }
```

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