

Converting Colors

Decimal(4868430)

Have a look what the booklet for
Decimal(4868430) contains.

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Color

Decimal(4868430)

Conversions

Conversions Part 1

Format	Color
Hex	4A494E
RGB	74, 73, 78
RGB Percent	29%, 29%, 31%
CMY	0.7098, 0.7137, 0.6941
CMYK	0.05, 0.06, 0.00, 0.69
HSL	252°, 3%, 30%
HSV	252°, 6%, 31%
XYZ	6.5817, 6.7710, 8.1678
YIQ	73.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

Format	Color
R_{YB}	74, 73, 78
Decimal	4868430
CIE Lab	31.28, 1.53, -2.83
CIE LCh	31, 3.219, 298.393
Yxy	6.7710, 0.3058, 0.3146
Android (android.graphics.Color)	4283058510 (0xFF4A494E)
YUV	73.8690, 2.0366, 0.1149
Hunter-Lab	26.0211, -0.3876, -0.3957

Details

The Decimal color **4868430** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5066313**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8092287**, and **1973794** is the 20% darker color. If you saturate the color by 10%, you get **4473166**, and if you desaturate by 10%, it is **5263694**.

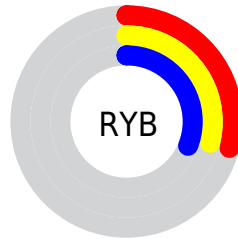
Distribution



Red (29%)

Green (29%)

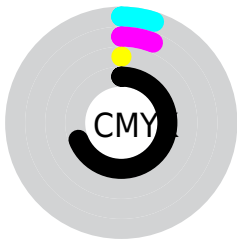
Blue (31%)



Red (29%)

Yellow (29%)

Blue (31%)

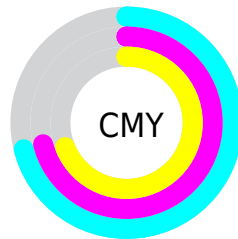


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (69%)



Cyan (71%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4868430 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 4868430 by changing the saturation by 10% instead.

■ 4868430

■ 4868430

16777215

■ 3355447

■ 8092287

■ 1973794

■ 9737113

■ 328716

■ 11513524

■ 0

■ 13289935

■ 15197675

■ 4868430

■ 4868430

■ 4473166

■ 5263694

■ 4077902

■ 5658958

■ 3617358

■ 6119502

■ 3222094

■ 6514766

■ 2826830

■ 6910030

■ 2431566

■ 7305294

■ 1970766

■ 7766094

■ 1575758

■ 8161102

■ 1180494

■ 8556366

Harmonies

Analogous

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



4672079



4868430



5064780

Triad

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



4868430



5130565



4475721

Complementary

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



4868430



5066313

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.



4606791



4868430



4999493

Square

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



4868430



5195847



4803141



4475724

Rectangle

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



4868430



5130315



4803141



4541256

Sweetspot

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



4868430



6579302



4803918



3289651



11776947



3355443

Same Dimension

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



4868430



6250086



5065038



2302502



1310822



3014886

Inverse Universe

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



5130573



6708836



4935241



2499109



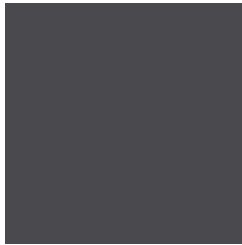
6684754



15073464

Previews

White Background



This preview shows how the Decimal color 4868430 looks on a white background.

Color Contrast Check

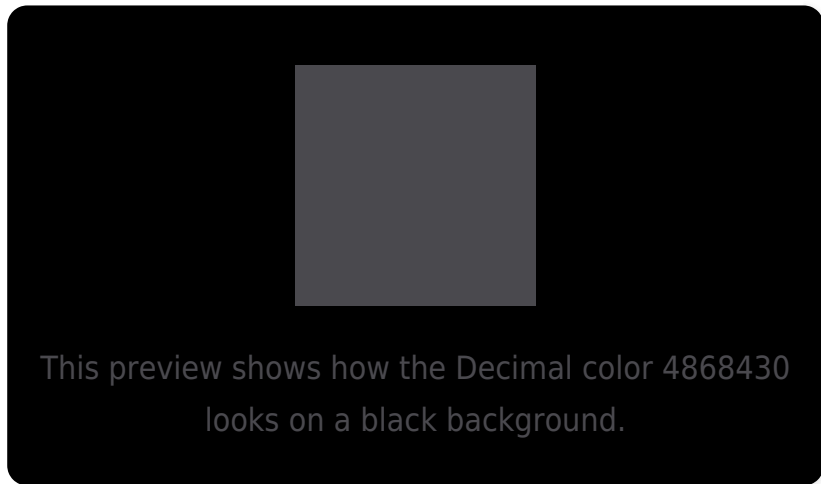
Large Text (above 18pt) WCAG AA ✓ Pass

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

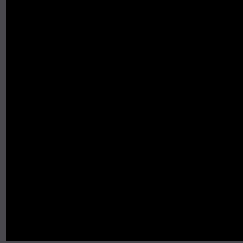
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

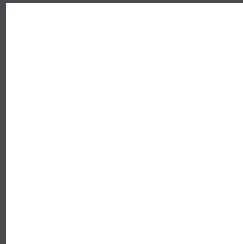
Any Text WCAG AAA × Fail

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

Decimal 4868430 Background



This preview shows how black text looks on a background with the Decimal color 4868430.



This preview shows how white text looks on a background with the Decimal color 4868430.

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
4868430

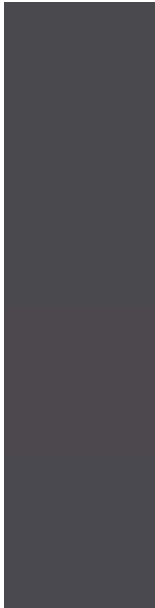
Protanopia
4868430

Deuteranopia
5195598



Tritanopia
4868431

Trichromacy



Original Color

4868430

Protanomaly

4868430

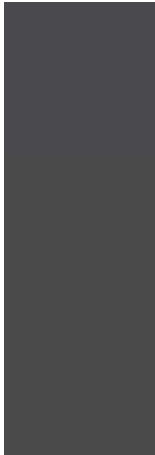
Deuteranomaly

5064782

Tritanomaly

4868431

Monochromacy



Original Color

4868430

Achromatopsia

4868682

Achromatomaly

4868683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4868430 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 #4A494E looks like.

```
.text, #text, p{  
    color:#4A494E  
}
```

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 #4A494E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A494E
}
```

Border

The CSS property to change the border of an element to Decimal 4868430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

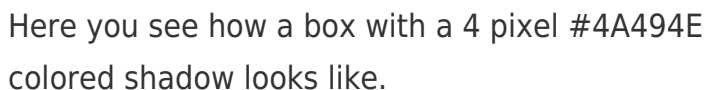
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A494E }
```

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

```
.border{ border-color:#4A494E }
```

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



Here you see how a box with a 4 pixel #4A494E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A494E; -webkit-box-shadow:4px 4px  
4px 4px #4A494E; box-shadow:4px 4px 4px  
4px #4A494E }
```

Background

The CSS property to change the background color of an element to Decimal 4868430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A494E }
```

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

```
.background{ background-color:#4A494E }
```

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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