

# Converting Colors

Decimal(4813425)

Have a look what the booklet for  
Decimal(4813425) contains.

<b>Decimal(4813425)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4813425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	497271
RGB	73, 114, 113
RGB Percent	29%, 45%, 44%
CMY	0.7137, 0.5529, 0.5569
CMYK	0.36, 0.00, 0.01, 0.55
HSL	179°, 22%, 37%
HSV	179°, 36%, 45%
XYZ	11.7456, 14.6433, 17.8302
YIQ	101.6270, -24.1150, -9.0030

# Conversions

## Conversions Part 2

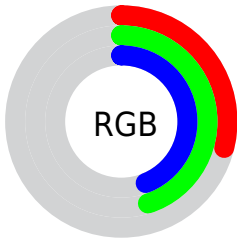
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 94, 114
Decimal	4813425
CIELab	45.14, -14.49, -4.00
CIELCh	45, 15.037, 195.438
Yxy	14.6433, 0.2656, 0.3312
Android (android.graphics.Color)	4283003505 (0xFF497271)
YUV	101.6270, 5.6069, -25.1059
Hunter-Lab	38.2666, -12.1776, -0.8393

# Details

The Decimal color **4813425** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7489866**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **8169125**, and **1589825** is the 20% darker color. If you saturate the color by 10%, you get **4092529**, and if you desaturate by 10%, it is **5534321**.

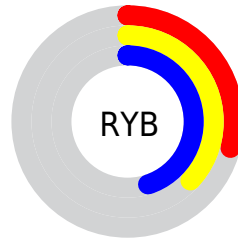
# Distribution



Red (29%)

Green (45%)

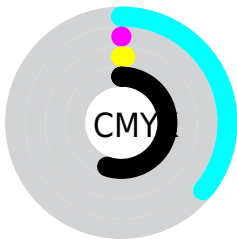
Blue (44%)



Red (29%)

Yellow (37%)

Blue (45%)

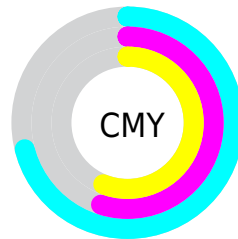


Cyan (36%)

Magenta (0%)

Yellow (1%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4813425 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 4813425 by changing the saturation by 10% instead.





4813425



4813425

16777215



3234137



8169125



1589825



9880000



11307



11656668



6167



13499128



0



15335423



4813425



4813425



4092529



5534321



3306096



6320754

■ 2585200

■ 7041650

■ 1798768

■ 7828082

■ 1077872

■ 8548978

■ 356975

■ 9269875

■ 29295

■ 10056307

■ 10777203

■ 11563636

# Harmonies

## Analogous

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



5403236



4813425



4878716

# Triad

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



4813425



7693948



8022099

# Complementary

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



4813425



7489866

# 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.



8545369



4813425



8414065

# Square

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



4813425



6646403



8741477



7236691

# Rectangle

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



4813425



5271425



8741477



8218452



# Sweetspot

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



4813425



8688788



4878921



4213322



13224393



4868682



# Same Dimension

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



4813425



5543058



4808562



3291192



30837



63473



# Inverse Universe

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



7489866



9720918



7494729



3682867



7864323



16187398



# Previews

## White Background



This preview shows how the Decimal color 4813425 looks on a white background.

## Color Contrast Check

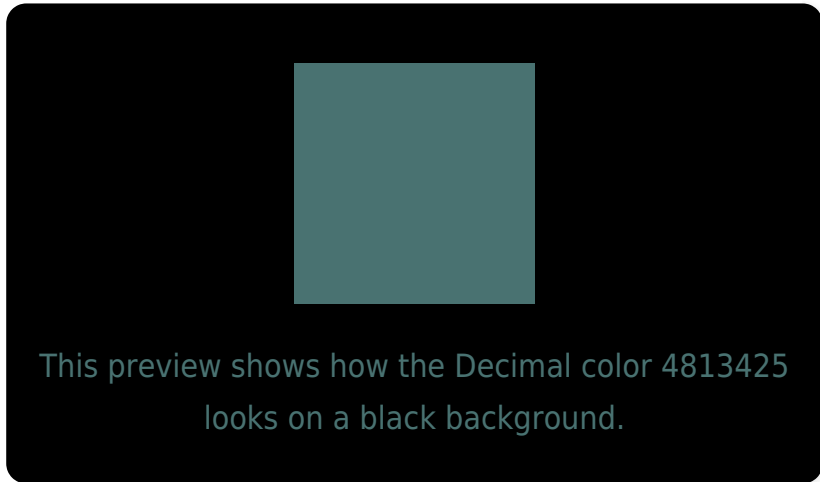
Large Text (above 18pt) WCAG AA ✓ Pass

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

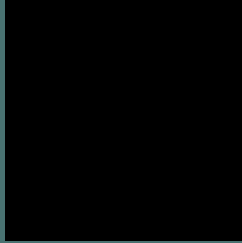
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4813425 Background



This preview shows how black text looks on a background with the Decimal color 4813425.

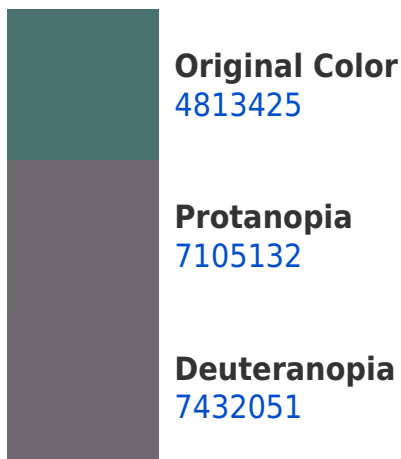


This preview shows how white text looks on a background with the Decimal color 4813425.

# Color Blindness Simulation

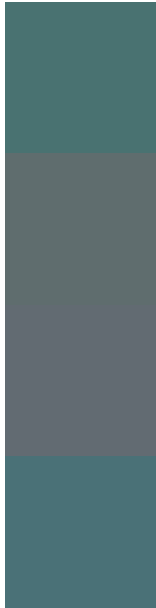
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4813425

**Protanomaly**  
6253934

**Deuteranomaly**  
6450034

**Tritanomaly**  
4878711

# Monochromacy



**Original Color**  
4813425

**Achromatopsia**  
6710886

**Achromatomaly**  
5991018

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4813425 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 #497271 looks like.

```
.text, #text, p{  
  color:#497271  
}
```

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 #497271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497271
}
```

## Border

The CSS property to change the border of an element to Decimal 4813425 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
#497271 }
```

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

```
.border{ border-color:#497271 }
```

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

Here you see how a box with a 4 pixel #497271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497271; -webkit-box-shadow:4px 4px  
4px 4px #497271; box-shadow:4px 4px 4px  
4px #497271 }
```

# Background

The CSS property to change the background color of an element to Decimal 4813425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497271 }
```

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

```
.background{ background-color:#497271 }
```

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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