

Converting Colors

Decimal(4213084)

Have a look what the booklet for
Decimal(4213084) contains.

Decimal(4213084)	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(4213084)

Conversions

Conversions Part 1

Format	Color
Hex	40495C
RGB	64, 73, 92
RGB Percent	25%, 29%, 36%
CMY	0.7490, 0.7137, 0.6392
CMYK	0.30, 0.21, 0.00, 0.64
HSL	221°, 18%, 31%
HSV	221°, 30%, 36%
XYZ	6.4287, 6.6278, 11.0657
YIQ	72.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

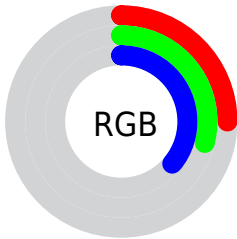
Format	Color
RYB	64, 71, 92
Decimal	4213084
CIELab	30.94, 1.37, -12.40
CIElCh	31, 12.471, 276.323
Yxy	6.6278, 0.2665, 0.2748
Android (android.graphics.Color)	4282403164 (0xFF40495C)
YUV	72.4750, 9.6258, -7.4326
Hunter-Lab	25.7445, -0.4795, -7.4633

Details

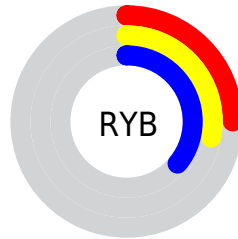
The Decimal color **4213084** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **6050624**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **7371150**, and **1318446** is the 20% darker color. If you saturate the color by 10%, you get **3621724**, and if you desaturate by 10%, it is **4804444**.

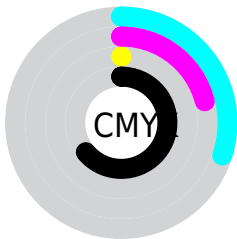
Distribution



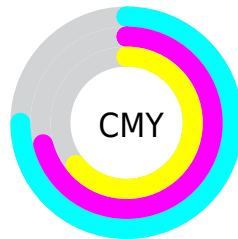
- Red (25%)
- Green (29%)
- Blue (36%)



- Red (25%)
- Yellow (28%)
- Blue (36%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4213084 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 4213084 by changing the saturation by 10% instead.

■ 4213084

■ 4213084

16777215

■ 2700100

■ 7371150

■ 1318446

■ 9081769

■ 1050

■ 10858180

■ 0

■ 12634592

■ 14476797

■ 16318463

■ 4213084

■ 4213084

■ 3621724

■ 4804444

■ 3030364

■ 5395804

■ 2373212

■ 6052956

■ 1781852

■ 6644316

■ 1190492

■ 7235676

■ 599132

■ 7827036

■ 7772

■ 8418652

■ 9075548

■ 9666908

Harmonies

Analogous

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



3427418



4213084



5064281

Triad

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



4213084



6046526



3690049

Complementary

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



4213084



6050624

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.



4410425



4213084



5719607

Square

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



4213084



6046279



5130550



3165771

Rectangle

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



4213084



5522516



5130550



3951934

Sweetspot

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



4213084



7172472



4217939



3553597



12434877



4013373

Same Dimension

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



4213084



5003896



4538460



2698030



9070



19693

Inverse Universe

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



6045769



7883866



5725248



3025195



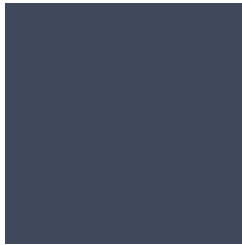
7208995



15532108

Previews

White Background



This preview shows how the Decimal color 4213084 looks on a white background.

Color Contrast Check

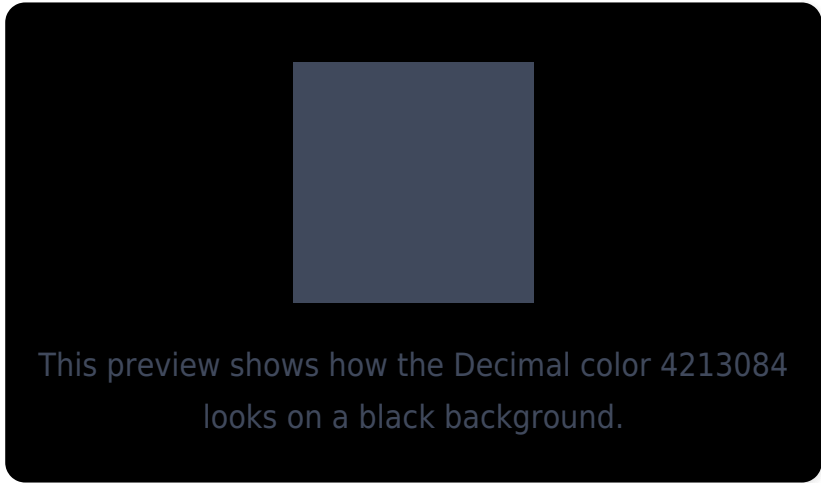
Large Text (above 18pt) WCAG AA ✓ Pass

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

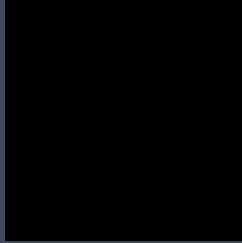
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

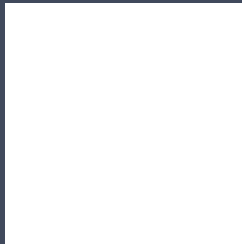
Any Text WCAG AAA × Fail

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

Decimal 4213084 Background



This preview shows how black text looks on a background with the Decimal color 4213084.

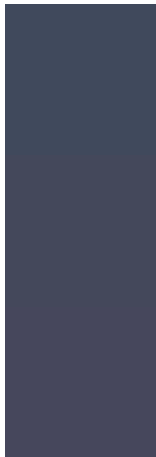


This preview shows how white text looks on a background with the Decimal color 4213084.

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](#).

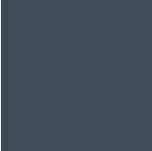
Dichromacy



Original Color
4213084

Protanopia
4474971

Deuteranopia
4605788



Tritanopia
4082513

Trichromacy



Original Color

4213084

Protanomaly

4409435

Deuteranomaly

4474972

Tritanomaly

4147797

Monochromacy



Original Color

4213084

Achromatopsia

4737096

Achromatomaly

4540495

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4213084 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 #40495C looks like.

```
.text, #text, p{  
    color:#40495C  
}
```

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 #40495C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40495C
}
```

Border

The CSS property to change the border of an element to Decimal 4213084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

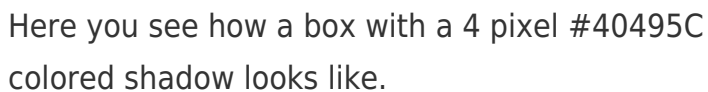
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40495C }
```

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

```
.border{ border-color:#40495C }
```

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



Here you see how a box with a 4 pixel #40495C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40495C; -webkit-box-shadow:4px 4px  
4px 4px #40495C; box-shadow:4px 4px 4px  
4px #40495C }
```

Background

The CSS property to change the background color of an element to Decimal 4213084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40495C }
```

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

```
.background{ background-color:#40495C }
```

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