

Converting Colors

Decimal(2176623)

Have a look what the booklet for
Decimal(2176623) contains.

Decimal(2176623)	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(2176623)

Conversions

Conversions Part 1

Format	Color
Hex	21366F
RGB	33, 54, 111
RGB Percent	13%, 21%, 44%
CMY	0.8706, 0.7882, 0.5647
CMYK	0.70, 0.51, 0.00, 0.56
HSL	224°, 54%, 28%
HSV	224°, 70%, 44%
XYZ	4.8156, 4.1094, 15.5783
YIQ	54.2190, -30.8130, 13.2750

Conversions

Conversions Part 2

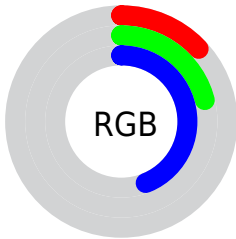
Format	Color
R_{YB}	33, 50, 111
Decimal	2176623
CIE _{Lab}	24.03, 12.47, -35.59
CIE _{LCh}	24, 37.710, 289.315
Y _{xy}	4.1094, 0.1965, 0.1677
Android (android.graphics.Color)	4280366703 (0xFF21366F)
Y_{UV}	54.2190, 27.9930, -18.6091
Hunter-Lab	20.2716, 6.9283, -31.3731

Details

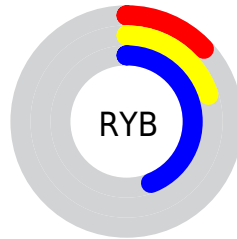
The Decimal color **2176623** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7297569**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5727395**, and **2879** is the 20% darker color. If you saturate the color by 10%, you get **1453679**, and if you desaturate by 10%, it is **2899567**.

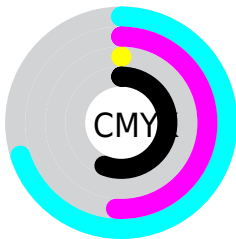
Distribution



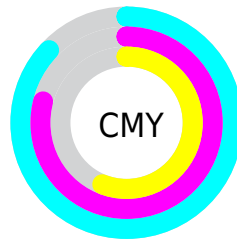
- Red (13%)
- Green (21%)
- Blue (44%)



- Red (13%)
- Yellow (20%)
- Blue (44%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2176623 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 2176623 by changing the saturation by 10% instead.

■ 2176623

■ 2176623

16777215

■ 8534

■ 5727395

■ 2879

■ 7503294

■ 808

■ 9279450

■ 274

■ 11055863

■ 0

■ 12897791

■ 14805503

16711679

■ 2176623

■ 2176623

■ 1453679

■ 2899567

■ 730735

■ 3622511

■ 7791

■ 4345455

■ 5068399

■ 5857135

■ 6580079

■ 7303023

■ 8025967

■ 8748911

Harmonies

Analogous

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



16241



2176623



5319006

Triad

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



2176623



6432782



17710

Complementary

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



2176623



7297569

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.



934673



2176623



5190656

Square

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



2176623



7019560



3489024



17995

Rectangle

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



2176623



6365262



3489024



17700

Sweetspot

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



2176623



7568273



2191193



3619914



13224393



4868682

Same Dimension

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



2176623



1521809



3285359



3290168



8312



17399

Inverse Universe

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



7282998



9508664



6188833



3682868



7864352



16187459

Previews

White Background



This preview shows how the Decimal color 2176623 looks on a white background.

Color Contrast Check

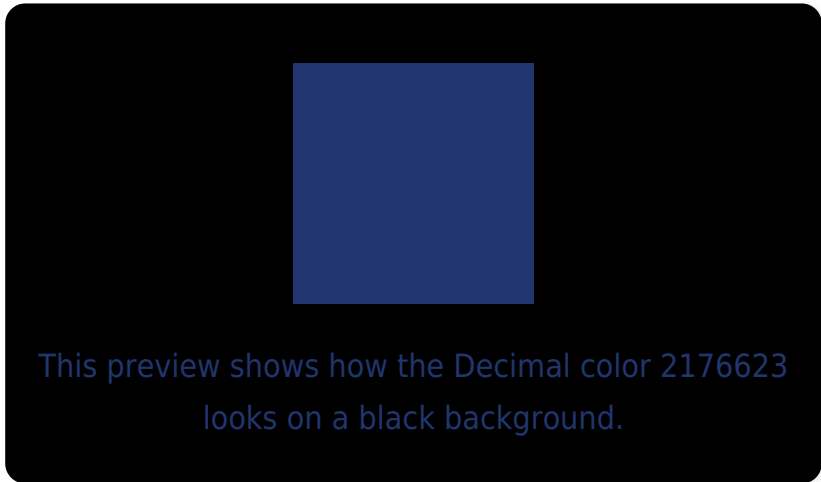
Large Text (above 18pt) WCAG AA ✓ Pass

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

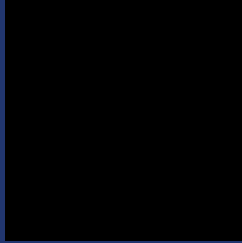
Any Text WCAG AA × Fail

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 2176623 Background



This preview shows how black text looks on a background with the Decimal color 2176623.



This preview shows how white text looks on a background with the Decimal color 2176623.

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
2176623

Protanopia
1455984

Deuteranopia
14950

Trichromacy



Original Color
2176623

Protanomaly
1718128

Deuteranomaly
801129

Tritanomaly
801876

Monochromacy



Original Color
2176623

Achromatopsia
3552822

Achromatomaly
3028555

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2176623 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 #21366F looks like.

```
.text, #text, p{  
    color:#21366F  
}
```

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 #21366F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21366F
}
```

Border

The CSS property to change the border of an element to Decimal 2176623 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".

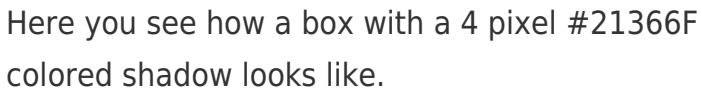
```
.border, #border, table{ border:4px solid
#21366F }
```

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

```
.border{ border-color:#21366F }
```

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

Here you see how a box with a 4 pixel #21366F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21366F; -webkit-box-shadow:4px 4px  
4px 4px #21366F; box-shadow:4px 4px 4px  
4px #21366F }
```

Background

The CSS property to change the background color of an element to Decimal 2176623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21366F }
```

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

```
.background{ background-color:#21366F }
```

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