

Converting Colors

Decimal(4224136)

Have a look what the booklet for
Decimal(4224136) contains.

Decimal(4224136)	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(4224136)

Conversions

Conversions Part 1

Format	Color
Hex	407488
RGB	64, 116, 136
RGB Percent	25%, 45%, 53%
CMY	0.7490, 0.5451, 0.4667
CMYK	0.53, 0.15, 0.00, 0.47
HSL	197°, 36%, 39%
HSV	197°, 53%, 53%
XYZ	12.8037, 15.3583, 25.5822
YIQ	102.7320, -37.4120, -4.8040

Conversions

Conversions Part 2

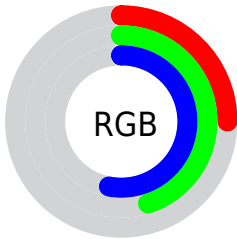
Format	Color
R _Y B	64, 94, 136
Decimal	4224136
CIE Lab	46.12, -11.45, -16.31
CIE LCh	46, 19.926, 234.920
Yxy	15.3583, 0.2382, 0.2858
Android (android.graphics.Color)	4282414216 (0xFF407488)
YUV	102.7320, 16.4011, -33.9680
Hunter-Lab	39.1897, -10.2643, -11.2704

Details

The Decimal color **4224136** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8934464**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **7710909**, and **17494** is the 20% darker color. If you saturate the color by 10%, you get **3305608**, and if you desaturate by 10%, it is **5142664**.

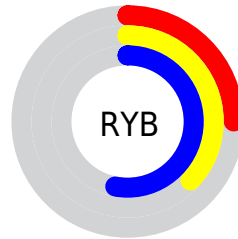
Distribution



Red (25%)

Green (45%)

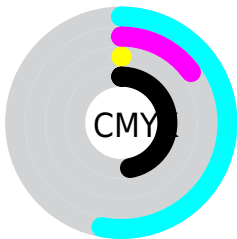
Blue (53%)



Red (25%)

Yellow (37%)

Blue (53%)

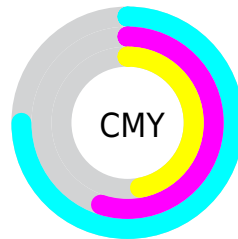


Cyan (53%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4224136 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 4224136 by changing the saturation by 10% instead.

■ 4224136

■ 4224136

16777215

■ 2448239

■ 7710909

■ 17494

■ 9487321

■ 11839

■ 11263990

■ 6697

■ 13171967

■ 276

■ 15007743

■ 0

■ 4224136

■ 4224136

■ 3305608

■ 5142664

■ 2452616

■ 5995656

■ 1534344

■ 6913928

■ 681352

■ 7766920

■ 25224

■ 8685448

■ 9603976

■ 10456712

■ 11375240

■ 12228232

Harmonies

Analogous

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



3831419



4224136



5533838

Triad

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



4224136



9199985



7041103

Complementary

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



4224136



8934464

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.



8153932



4224136



9396832

Square

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



4224136



8414337



9004627



5731418

Rectangle

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



4224136



6581389



9004627



7434061

Sweetspot

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



4224136



9742512



4229203



4740441



14277081



5855577

Same Dimension

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



4224136



4166064



4215176



4080453



24709



1029

Inverse Universe

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



8929396



11550609



8943424



4537923



8716384



327684

Previews

White Background



This preview shows how the Decimal color 4224136 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



This preview shows how the Decimal color 4224136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

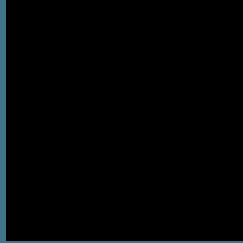
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

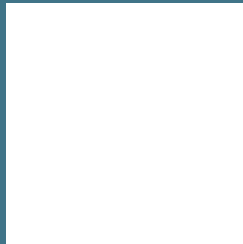
Any Text WCAG AAA × Fail

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

Decimal 4224136 Background



This preview shows how black text looks on a background with the Decimal color 4224136.

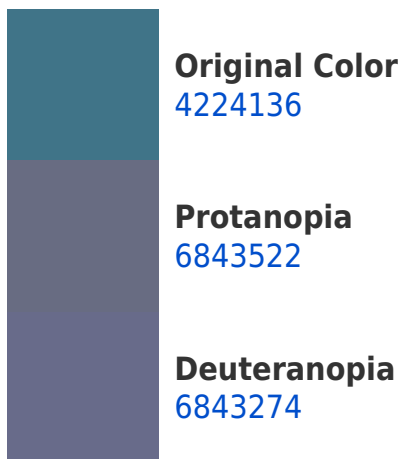



This preview shows how white text looks on a background with the Decimal color 4224136.

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





Tritanopia
4028031

Trichromacy



Original Color
4224136

Protanomaly
5861252

Deuteranomaly
5861001

Tritanomaly
4093314

Monochromacy



Original Color
4224136

Achromatopsia
6776679

Achromatomaly
5860467

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4224136 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 #407488 looks like.

```
.text, #text, p{  
  color:#407488  
}
```

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 #407488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407488
}
```

Border

The CSS property to change the border of an element to Decimal 4224136 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
#407488 }
```

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

```
.border{ border-color:#407488 }
```

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

Here you see how a box with a 4 pixel #407488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407488; -webkit-box-shadow:4px 4px  
4px 4px #407488; box-shadow:4px 4px 4px  
4px #407488 }
```

Background

The CSS property to change the background color of an element to Decimal 4224136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407488 }
```

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

```
.background{ background-color:#407488 }
```

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