

Converting Colors

Decimal(2375261)

Have a look what the booklet for
Decimal(2375261) contains.

Decimal(2375261)	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(2375261)

Conversions

Conversions Part 1

Format	Color
Hex	243E5D
RGB	36, 62, 93
RGB Percent	14%, 24%, 36%
CMY	0.8588, 0.7569, 0.6353
CMYK	0.61, 0.33, 0.00, 0.64
HSL	213°, 44%, 25%
HSV	213°, 61%, 36%
XYZ	4.4260, 4.6106, 11.0126
YIQ	57.7600, -25.4470, 4.1290

Conversions

Conversions Part 2

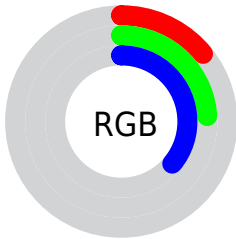
Format	Color
RYB	36, 54, 93
Decimal	2375261
CIELab	25.60, 0.59, -21.47
CIELCh	26, 21.476, 271.585
Yxy	4.6106, 0.2208, 0.2300
Android (android.graphics.Color)	4280565341 (0xFF243E5D)
YUV	57.7600, 17.3733, -19.0835
Hunter-Lab	21.4724, -0.7836, -15.3775

Details

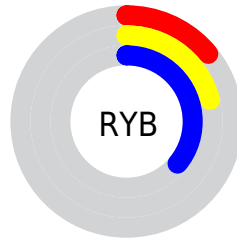
The Decimal color **2375261** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6112036**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **5664144**, and **5167** is the 20% darker color. If you saturate the color by 10%, you get **1784157**, and if you desaturate by 10%, it is **2966365**.

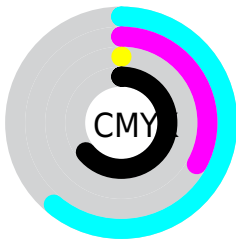
Distribution



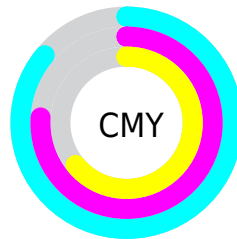
- Red (14%)
- Green (24%)
- Blue (36%)



- Red (14%)
- Yellow (21%)
- Blue (36%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2375261 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 2375261 by changing the saturation by 10% instead.

■ 2375261

■ 2375261

16777215

■ 469061

■ 5664144

■ 5167

■ 7309226

■ 282

■ 9085381

■ 0

■ 10861793

■ 12638206

■ 14546175

■ 16383999

■ 2375261

■ 2375261

■ 1784157

■ 2966365

■ 1127517

■ 3623005

■ 536413

■ 4214109

■ 10845

■ 4805213

■ 5396317

■ 6052957

■ 6644061

■ 7235165

■ 7892061

Harmonies

Analogous

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



16985



2375261



4143192

Triad

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



2375261



5976364



2180141

Complementary

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



2375261



6112036

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.



3490080



2375261



5453344

Square

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



2375261



5975868



4602907



83261

Rectangle

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



2375261



4994129



4602907



2638632

Sweetspot

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



2375261



6450296



2383170



3159613



12434877



4013373

Same Dimension

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



2375261



2050168



2499677



2698030



12910



27885

Inverse Universe

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



6104126



7872328



5987620



3025195



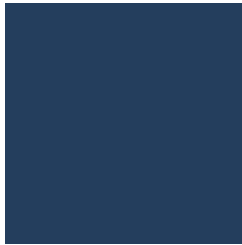
7209010



15532140

Previews

White Background



This preview shows how the Decimal color 2375261 looks on a white background.

Color Contrast Check

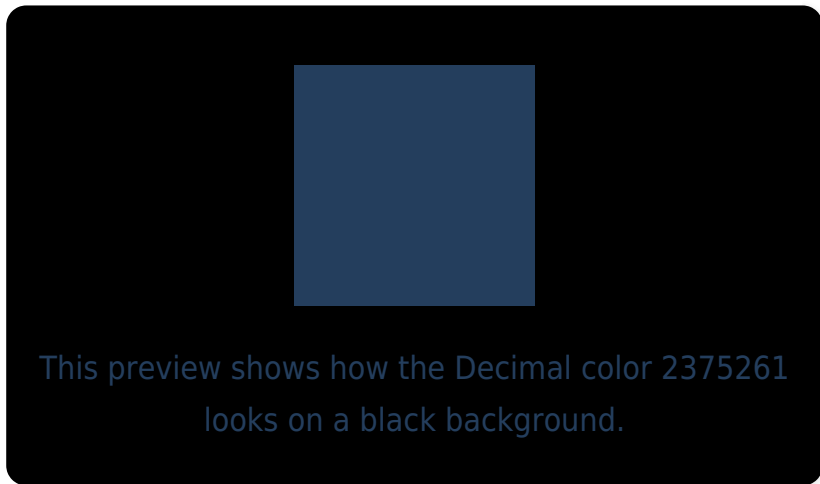
Large Text (above 18pt) WCAG AA ✓ Pass

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

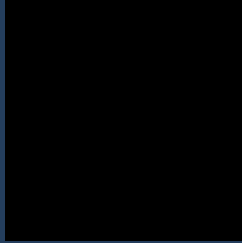
Any Text WCAG AA × Fail

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 2375261 Background



This preview shows how black text looks on a background with the Decimal color 2375261.



This preview shows how white text looks on a background with the Decimal color 2375261.

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

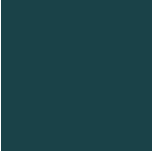
[2375261](#)

Protanopia

[3292251](#)

Deuteranopia

[2899037](#)



Tritanopia
1720904

Trichromacy



Original Color
2375261

Protanomaly
2964828

Deuteranomaly
2702685

Tritanomaly
1982800

Monochromacy



Original Color
2375261

Achromatopsia
3815994

Achromatomaly
3291975

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2375261 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 #243E5D looks like.

```
.text, #text, p{  
  color:#243E5D  
}
```

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 #243E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243E5D
}
```

Border

The CSS property to change the border of an element to Decimal 2375261 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".

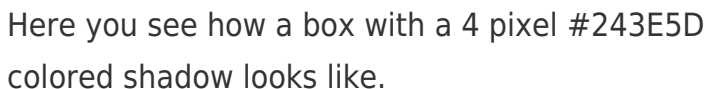
```
.border, #border, table{ border:4px solid
#243E5D }
```

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

```
.border{ border-color:#243E5D }
```

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

Here you see how a box with a 4 pixel #243E5D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243E5D; -webkit-box-shadow:4px 4px  
4px 4px #243E5D; box-shadow:4px 4px 4px  
4px #243E5D }
```

Background

The CSS property to change the background color of an element to Decimal 2375261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243E5D }
```

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

```
.background{ background-color:#243E5D }
```

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