

Converting Colors

Decimal(2576240)

Have a look what the booklet for
Decimal(2576240) contains.

Decimal(2576240)	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(2576240)

Conversions

Conversions Part 1

Format	Color
Hex	274F70
RGB	39, 79, 112
RGB Percent	15%, 31%, 44%
CMY	0.8471, 0.6902, 0.5608
CMYK	0.65, 0.29, 0.00, 0.56
HSL	207°, 48%, 30%
HSV	207°, 65%, 44%
XYZ	6.5573, 7.1932, 16.3720
YIQ	70.8020, -34.4330, 1.7830

Conversions

Conversions Part 2

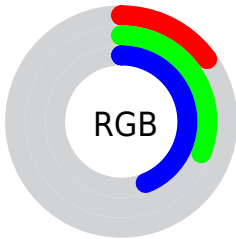
Format	Color
R_{YB}	39, 65, 112
Decimal	2576240
CIE _{Lab}	32.24, -2.87, -23.17
CIE _{LCh}	32, 23.352, 262.931
Yxy	7.1932, 0.2177, 0.2388
Android (android.graphics.Color)	4280766320 (0xFF274F70)
YUV	70.8020, 20.3106, -27.8904
Hunter-Lab	26.8201, -3.2931, -17.4190




Details

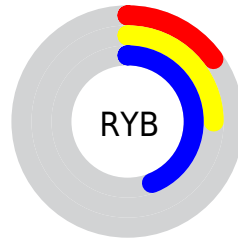
The Decimal color **2576240** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7358503**, and the grayscale version is **4671303**.




A 20% lighter version of the original color is **6062244**, and **9024** is the 20% darker color. If you saturate the color by 10%, you get **1854064**, and if you desaturate by 10%, it is **3298416**.

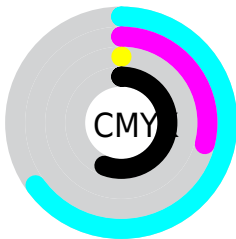
Distribution







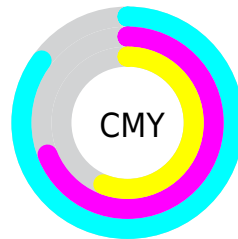
-  Red (15%)
-  Green (31%)
-  Blue (44%)






-  Red (15%)
-  Yellow (25%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2576240 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 2576240 by changing the saturation by 10% instead.

■ 2576240

■ 2576240

16777215

■ 342103

■ 6062244

■ 9024

■ 7772863

■ 3370

■ 9549275

■ 276

■ 11325688

■ 0

■ 13233407

■ 15073279

■ 2576240

■ 2576240

■ 1854064

■ 3298416

■ 1131888

■ 4020592

■ 344176

■ 4808304

■ 15728

■ 5530480

■ 6252656

■ 6974832

■ 7697008

■ 8484976

■ 9207152

Harmonies

Analogous

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



21353



2576240



4671854

Triad

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



2576240



7290430



3429173

Complementary

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



2576240



7358503

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.



4804393



2576240



6898479

Square

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



2576240



7093841



5982503



1660231

Rectangle

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



2576240



5784679



5982503



3887664

Sweetspot

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



2576240



7636113



2584648



3686986



13224393



4868682

Same Dimension

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



2576240



2121361



2567024



3290680



17016



35063

Inverse Universe

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



7350095



9511006



7367719



3682870



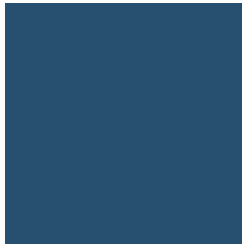
7864386



16187528

Previews

White Background



This preview shows how the Decimal color 2576240 looks on a white background.

Color Contrast Check

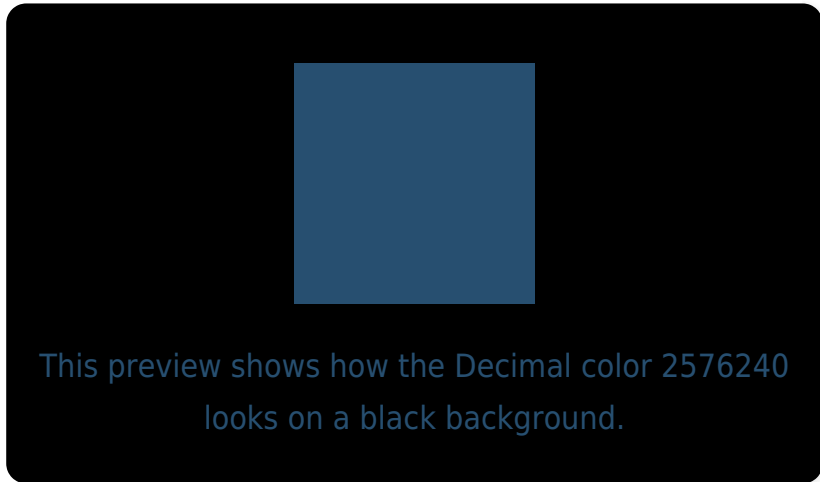
Large Text (above 18pt) WCAG AA ✓ Pass

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

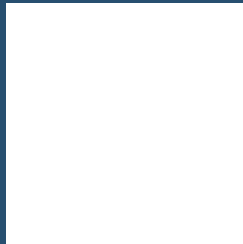
Any Text WCAG AAA × Fail

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

Decimal 2576240 Background



This preview shows how black text looks on a background with the Decimal color 2576240.

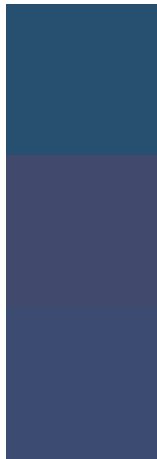


This preview shows how white text looks on a background with the Decimal color 2576240.

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
2576240

Protanopia
4278892

Deuteranopia
3885937



Tritanopia
1790810

Trichromacy



Original Color
2576240

Protanomaly
3689581

Deuteranomaly
3427441

Tritanomaly
2052706

Monochromacy



Original Color
2576240

Achromatopsia
4671303

Achromatomaly
3885654

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2576240 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 #274F70 looks like.

```
.text, #text, p{  
  color:#274F70  
}
```

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 #274F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274F70
}
```

Border

The CSS property to change the border of an element to Decimal 2576240 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
#274F70 }
```

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

```
.border{ border-color:#274F70 }
```

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

Here you see how a box with a 4 pixel #274F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274F70; -webkit-box-shadow:4px 4px  
4px 4px #274F70; box-shadow:4px 4px 4px  
4px #274F70 }
```

Background

The CSS property to change the background color of an element to Decimal 2576240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274F70 }
```

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

```
.background{ background-color:#274F70 }
```

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