

Converting Colors

Decimal(2390142)

Have a look what the booklet for
Decimal(2390142) contains.

Decimal(2390142)	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(2390142)

Conversions

Conversions Part 1

Format	Color
Hex	24787E
RGB	36, 120, 126
RGB Percent	14%, 47%, 49%
CMY	0.8588, 0.5294, 0.5059
CMYK	0.71, 0.05, 0.00, 0.51
HSL	184°, 56%, 32%
HSV	184°, 71%, 49%
XYZ	11.2099, 15.3144, 22.1038
YIQ	95.5680, -51.9900, -15.9420

Conversions

Conversions Part 2

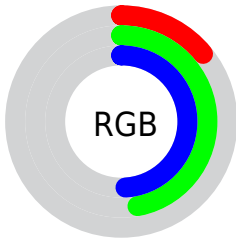
Format	Color
RYB	36, 79, 126
Decimal	2390142
CIELab	46.06, -22.31, -10.54
CIELCh	46, 24.670, 205.293
Yxy	15.3144, 0.2305, 0.3149
Android (android.graphics.Color)	4280580222 (0xFF24787E)
YUV	95.5680, 15.0030, -52.2411
Hunter-Lab	39.1336, -17.3519, -6.0953

Details

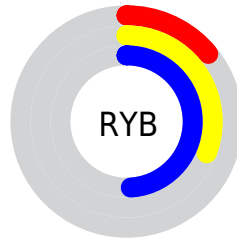
The Decimal color **2390142** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8268324**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **6270387**, and **18253** is the 20% darker color. If you saturate the color by 10%, you get **1537918**, and if you desaturate by 10%, it is **3242366**.

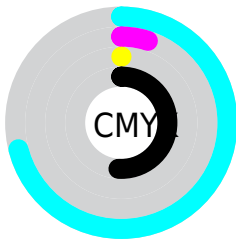
Distribution



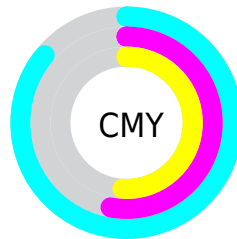
- Red (14%)
- Green (47%)
- Blue (49%)



- Red (14%)
- Yellow (31%)
- Blue (49%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2390142 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 2390142 by changing the saturation by 10% instead.

■ 2390142

■ 2390142

16777215

■ 24421

■ 6270387

■ 18253

■ 8112334

■ 12342

■ 9954538

■ 7457

■ 11796479

■ 9

■ 13697023

■ 0

■ 15597567

■ 2390142

■ 2390142

■ 1537918

■ 3242366

■ 751230

■ 4029054

■ 30334

■ 4881278

■ 5667710

■ 6519934

■ 7372158

■ 8158846

■ 9011070

■ 9797758

Harmonies

Analogous

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



3700841



2390142



2979214

Triad

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



2390142



8675973



8284996

Complementary

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



2390142



8268324

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.



9331788



2390142



9657969

Square

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



2390142



7039378



9854556



6910279

Rectangle

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



2390142



4223637



9854556



8677445

Sweetspot

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



2390142



8495523



2391594



4018258



13750737



5395026

Same Dimension

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



2390142



1546915



2378622



3751744



30592



0

Inverse Universe

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



8266872



10688410



8279844



4208959



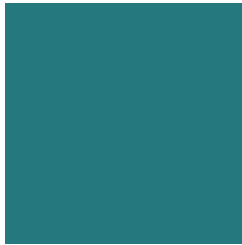
8388727



0

Previews

White Background



This preview shows how the Decimal color 2390142 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 2390142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

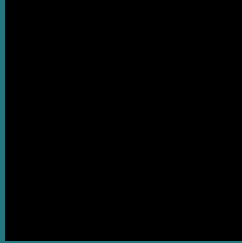
Any Text WCAG AA × Fail

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 2390142 Background



This preview shows how black text looks on a background with the Decimal color 2390142.

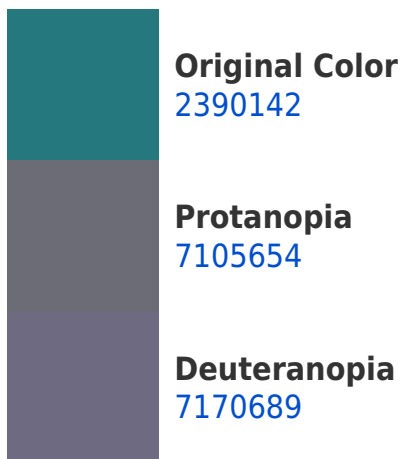



This preview shows how white text looks on a background with the Decimal color 2390142.

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
2520961

Trichromacy



Original Color
2390142

Protanomaly
5402745

Deuteranomaly
5402496

Tritanomaly
2455424

Monochromacy



Original Color
2390142

Achromatopsia
6316128

Achromatomaly
4876651

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2390142 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 #24787E looks like.

```
.text, #text, p{  
    color:#24787E  
}
```

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 #24787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24787E
}
```

Border

The CSS property to change the border of an element to Decimal 2390142 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
#24787E }
```

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

```
.border{ border-color:#24787E }
```

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

Here you see how a box with a 4 pixel #24787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24787E; -webkit-box-shadow:4px 4px  
4px 4px #24787E; box-shadow:4px 4px 4px  
4px #24787E }
```

Background

The CSS property to change the background color of an element to Decimal 2390142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24787E }
```

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

```
.background{ background-color:#24787E }
```

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