

Converting Colors

Decimal(347246)

Have a look what the booklet for
Decimal(347246) contains.

Decimal(347246)	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(347246)

Conversions

Conversions Part 1

Format	Color
Hex	054C6E
RGB	5, 76, 110
RGB Percent	2%, 30%, 43%
CMY	0.9804, 0.7020, 0.5686
CMYK	0.95, 0.31, 0.00, 0.57
HSL	199°, 91%, 23%
HSV	199°, 95%, 43%
XYZ	5.4615, 6.3269, 15.6852
YIQ	58.6470, -53.2300, -4.4780

Conversions

Conversions Part 2

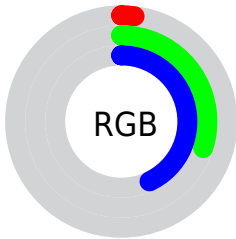
Format	Color
RYB	5, 47, 110
Decimal	347246
CIELab	30.22, -6.29, -25.15
CIElCh	30, 25.924, 255.950
Yxy	6.3269, 0.1988, 0.2303
Android (android.graphics.Color)	4278537326 (0xFF054C6E)
YUV	58.6470, 25.3170, -47.0484
Hunter-Lab	25.1534, -5.2612, -19.3648

Details

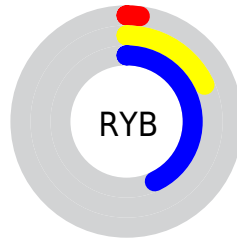
The Decimal color **347246** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7218949**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **4816290**, and **8254** is the 20% darker color. If you saturate the color by 10%, you get **19054**, and if you desaturate by 10%, it is **1069166**.

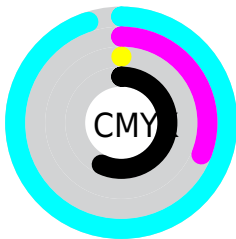
Distribution



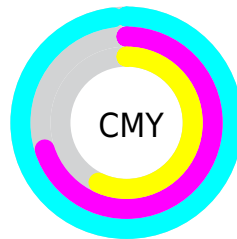
- Red (2%)
- Green (30%)
- Blue (43%)



- Red (2%)
- Yellow (18%)
- Blue (43%)



- Cyan (95%)
- Magenta (31%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 347246 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 347246 by changing the saturation by 10% instead.

■ 347246 ■ 347246

16777215 ■ 13653

■ 4816290 ■ 8254

■ 6592445 ■ 1064

■ 8434137 ■ 274

■ 10210805 ■ 0

■ 12052991

■ 13959167

■ 15859711

■ 347246 ■ 347246

■ 19054

■ 1069166

■ 1790830

■ 2512750

■ 3234414

■ 3956334

■ 4677998

■ 5399918

■ 6121582

■ 6843502

Harmonies

Analogous

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



20580



347246



3753582

Triad

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



347246



7157565



3296810

Complementary

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



347246



7218949

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.



4802847



347246



6896427

Square

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



347246



6830162



5980960



1200445

Rectangle

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



347246



5128296



5980960



3820837

Sweetspot

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



347246



6652303



355878



3030855



13092807



4671303

Same Dimension

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



347246



24975



333934



3290680



20856



42999

Inverse Universe

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



7210316



9371745



7232261



3682870



7864401



16187559

Previews

White Background



This preview shows how the Decimal color 347246 looks on a white background.

Color Contrast Check

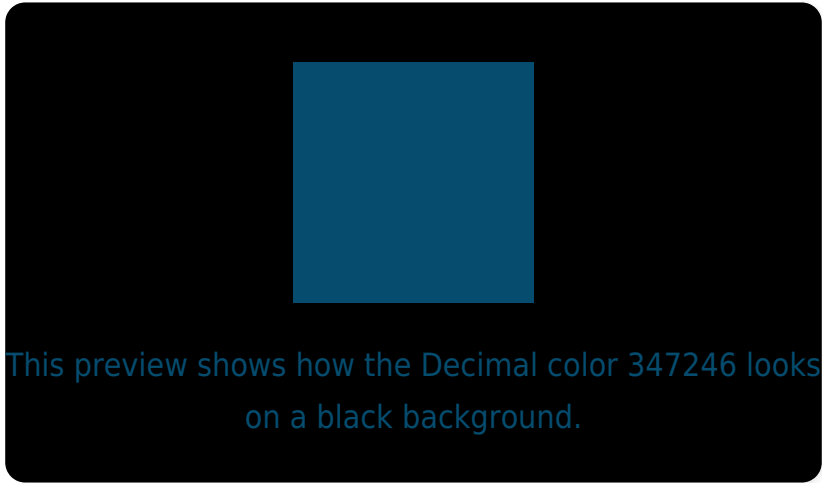
Large Text (above 18pt) WCAG AA ✓ Pass

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

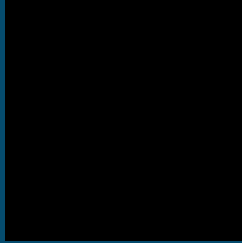
Any Text WCAG AA × Fail

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 347246 Background



This preview shows how black text looks on a background with the Decimal color 347246.



This preview shows how white text looks on a background with the Decimal color 347246.

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
347246

Protanopia
3950185

Deuteranopia
3295087

Trichromacy



Original Color
347246

Protanomaly
2639979

Deuteranomaly
2247023

Tritanomaly
151134

Monochromacy



Original Color
347246

Achromatopsia
3881787

Achromatomaly
2572622

CSS Examples

Text

The CSS property to change the color of the text to Decimal 347246 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 #054C6E looks like.

```
.text, #text, p{  
    color:#054C6E  
}
```

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 #054C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054C6E
}
```

Border

The CSS property to change the border of an element to Decimal 347246 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
#054C6E }
```

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

```
.border{ border-color:#054C6E }
```

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

Here you see how a box with a 4 pixel #054C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054C6E; -webkit-box-shadow:4px 4px  
4px 4px #054C6E; box-shadow:4px 4px 4px  
4px #054C6E }
```

Background

The CSS property to change the background color of an element to Decimal 347246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054C6E }
```

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

```
.background{ background-color:#054C6E }
```

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