

Converting Colors

Decimal(406586)

Have a look what the booklet for
Decimal(406586) contains.

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Color

Decimal(406586)

Conversions

Conversions Part 1

Format	Color
Hex	06343A
RGB	6, 52, 58
RGB Percent	2%, 20%, 23%
CMY	0.9765, 0.7961, 0.7725
CMYK	0.90, 0.10, 0.00, 0.77
HSL	187°, 81%, 13%
HSV	187°, 90%, 23%
XYZ	2.0668, 2.8002, 4.4345
YIQ	38.9300, -29.3420, -7.8860

Conversions

Conversions Part 2

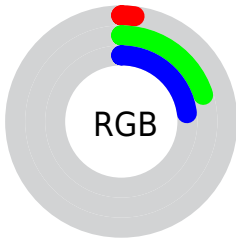
Format	Color
RYB	6, 30, 58
Decimal	406586
CIELab	19.23, -12.27, -8.08
CIELCh	19, 14.694, 213.351
Yxy	2.8002, 0.2222, 0.3010
Android (android.graphics.Color)	4278596666 (0xFF06343A)
YUV	38.9300, 9.4015, -28.8796
Hunter-Lab	16.7338, -7.2372, -3.9986

Details

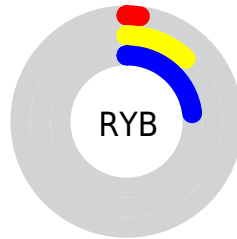
The Decimal color **406586** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3804166**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **3826537**, and **272** is the 20% darker color. If you saturate the color by 10%, you get **13114**, and if you desaturate by 10%, it is **800058**.

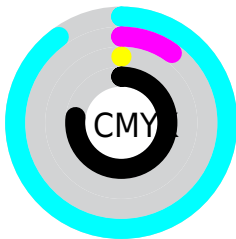
Distribution



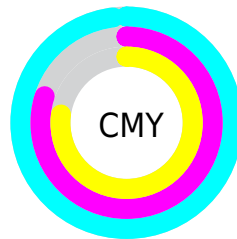
- Red (2%)
- Green (20%)
- Blue (23%)



- Red (2%)
- Yellow (12%)
- Blue (23%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (77%)



- Cyan (98%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 406586 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 406586 by changing the saturation by 10% instead.

■ 406586 ■ 406586

■ 16187391 ■ 7972

■ 3826537 ■ 272

■ 5471362 ■ 0

■ 7181724

■ 8892599

■ 10603731

■ 12445935

■ 14286847

■ 406586 ■ 406586

■ 13114

■ 800058

■ 1193274

■ 1521210

■ 1914682

■ 2307898

■ 2701370

■ 3094842

■ 3422522

■ 3815994

Harmonies

Analogous

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



996400



406586



1061441

Triad

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



406586



4007992



3485209

Complementary

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



406586



3804166

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.



4074268



406586



4400686

Square

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



406586



328782



4401187



2699548

Rectangle

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



406586



1847364



4401187



3681561

Sweetspot

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



406586



3689037



408075



1713446



10921638



2500134

Same Dimension

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



406586



17485



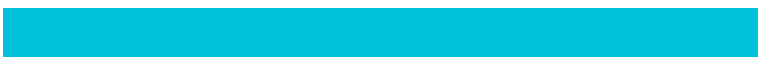
400186



1645596



20828



49883

Inverse Universe

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



3802676



5046340



3810566



1841436



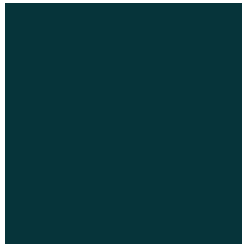
6029393



14352578

Previews

White Background



This preview shows how the Decimal color 406586 looks on a white background.

Color Contrast Check

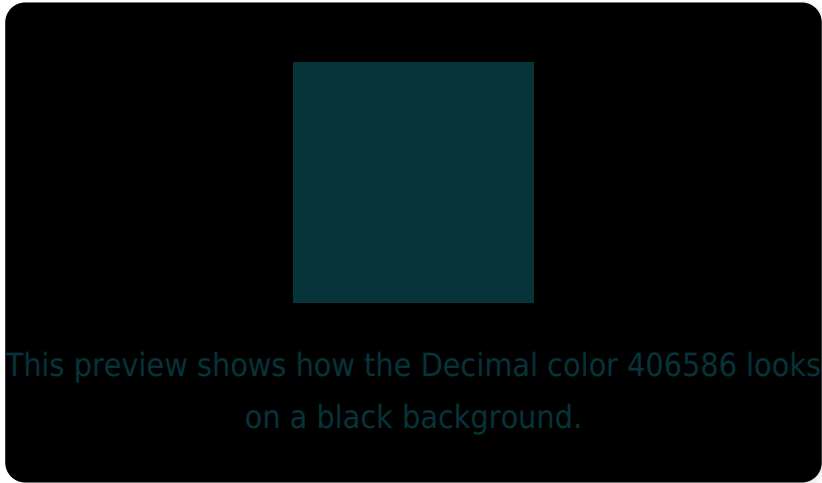
Large Text (above 18pt) WCAG AA ✓ Pass

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

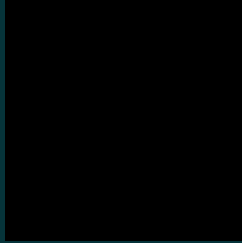
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

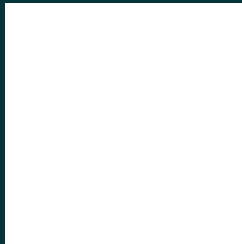
Any Text WCAG AAA × Fail

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

Decimal 406586 Background



This preview shows how black text looks on a background with the Decimal color 406586.

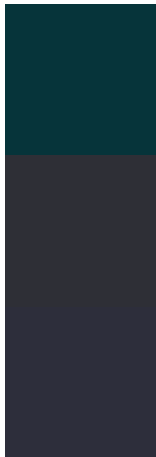


This preview shows how white text looks on a background with the Decimal color 406586.

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

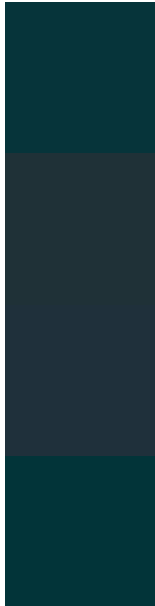


Original Color
406586

Protanopia
3026742

Deuteranopia
2960955

Trichromacy



Original Color
406586

Protanomaly
2044215

Deuteranomaly
2043963

Tritanomaly
144441

Monochromacy



Original Color
406586

Achromatopsia
2565927

Achromatomaly
1780782

CSS Examples

Text

The CSS property to change the color of the text to Decimal 406586 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 #06343A looks like.

```
.text, #text, p{  
  color:#06343A  
}
```

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 #06343A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06343A
}
```

Border

The CSS property to change the border of an element to Decimal 406586 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
#06343A }
```

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

```
.border{ border-color:#06343A }
```

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

Here you see how a box with a 4 pixel #06343A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06343A; -webkit-box-shadow:4px 4px  
4px 4px #06343A; box-shadow:4px 4px 4px  
4px #06343A }
```

Background

The CSS property to change the background color of an element to Decimal 406586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06343A }
```

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

```
.background{ background-color:#06343A }
```

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](#).

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