

Converting Colors

Decimal(2386005)

Have a look what the booklet for
Decimal(2386005) contains.

Decimal(2386005)	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(2386005)

Conversions

Conversions Part 1

Format	Color
Hex	246855
RGB	36, 104, 85
RGB Percent	14%, 41%, 33%
CMY	0.8588, 0.5922, 0.6667
CMYK	0.65, 0.00, 0.18, 0.59
HSL	163°, 49%, 27%
HSV	163°, 65%, 41%
XYZ	7.3176, 10.9316, 10.3187
YIQ	81.5020, -34.4290, -20.3250

Conversions

Conversions Part 2

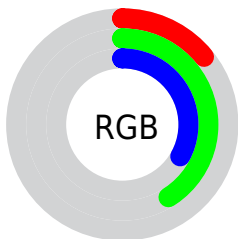
Format	Color
R_{YB}	36, 76, 104
Decimal	2386005
CIE _{Lab}	39.46, -26.37, 4.45
CIE _{LCh}	39, 26.740, 170.430
Yxy	10.9316, 0.2561, 0.3827
Android (android.graphics.Color)	4280576085 (0xFF246855)
YUV	81.5020, 1.7245, -39.9053
Hunter-Lab	33.0629, -18.3541, 4.6401

Details

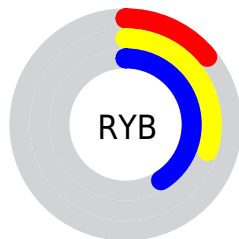
The Decimal color **2386005** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6825015**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5872775**, and **14376** is the 20% darker color. If you saturate the color by 10%, you get **1730642**, and if you desaturate by 10%, it is **3041368**.

Distribution



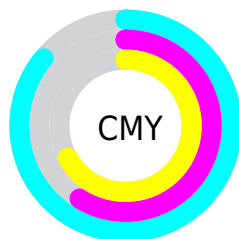
- Red (14%)
- Green (41%)
- Blue (33%)



- Red (14%)
- Yellow (30%)
- Blue (41%)



- Cyan (65%)
- Magenta (0%)
- Yellow (18%)
- Black (59%)



- Cyan (86%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2386005 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 2386005 by changing the saturation by 10% instead.

■ 2386005

■ 2386005

16777215

■ 86078

■ 5872775

■ 14376

■ 7583649

■ 8980

■ 9360060

■ 0

■ 11202519

■ 13041652

■ 14876671

■ 2386005

■ 2386005

■ 1730642

■ 3041368

■ 1009743

■ 3762267

■ 354380

■ 4417630

■ 26699

■ 5138529

■ 5793892

■ 6449254

■ 7170153

■ 7825516

■ 8546415

Harmonies

Analogous

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



4416832



2386005



26731

Triad

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



2386005



5593734



8409660

Complementary

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



2386005



6825015

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.



8866895



2386005



7426681

Square

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



2386005



3039624



8539237



7428402

Rectangle

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



2386005



26489



8539237



8671042

Sweetspot

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



2386005



7112576



3631140



3425600



12895428



4539717

Same Dimension

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



2386005



2000746



2382184



3027762



29523



62127

Inverse Universe

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



6825015



8855099



6828836



3354159



7536672



15859780

Previews

White Background



This preview shows how the Decimal color 2386005 looks on a white background.

Color Contrast Check

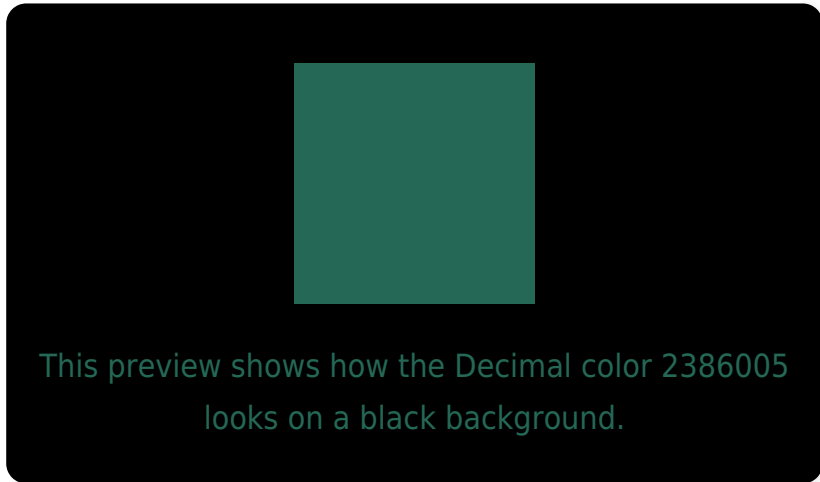
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

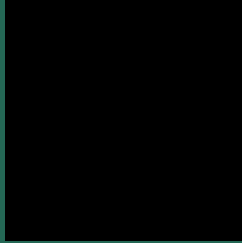
Any Text WCAG AA × Fail

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 2386005 Background



This preview shows how black text looks on a background with the Decimal color 2386005.



This preview shows how white text looks on a background with the Decimal color 2386005.

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
2386005

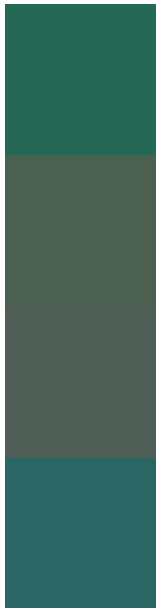
Protanopia
6380623

Deuteranopia
6773080



Tritanopia
3040621

Trichromacy



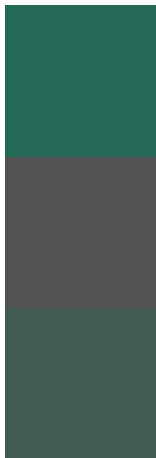
Original Color
2386005

Protanomaly
4939857

Deuteranomaly
5201495

Tritanomaly
2778724

Monochromacy



Original Color
2386005

Achromatopsia
5395026

Achromatomaly
4282963

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2386005 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 #246855 looks like.

```
.text, #text, p{  
  color:#246855  
}
```

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 #246855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246855
}
```

Border

The CSS property to change the border of an element to Decimal 2386005 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
#246855 }
```

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

```
.border{ border-color:#246855 }
```

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

Here you see how a box with a 4 pixel #246855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246855; -webkit-box-shadow:4px 4px  
4px 4px #246855; box-shadow:4px 4px 4px  
4px #246855 }
```

Background

The CSS property to change the background color of an element to Decimal 2386005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246855 }
```

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

```
.background{ background-color:#246855 }
```

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