

Converting Colors

Decimal(2383196)

Have a look what the booklet for
Decimal(2383196) contains.

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Color

Decimal(2383196)

Conversions

Conversions Part 1

Format	Color
Hex	245D5C
RGB	36, 93, 92
RGB Percent	14%, 36%, 36%
CMY	0.8588, 0.6353, 0.6392
CMYK	0.61, 0.00, 0.01, 0.64
HSL	179°, 44%, 25%
HSV	179°, 61%, 36%
XYZ	6.5737, 8.9765, 11.5114
YIQ	75.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

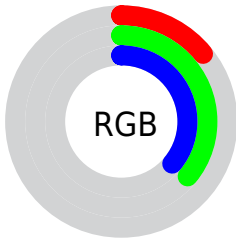
Format	Color
R_{YB}	36, 65, 93
Decimal	2383196
CIE _{Lab}	35.94, -18.64, -5.02
CIE _{LCh}	36, 19.300, 195.076
Yxy	8.9765, 0.2429, 0.3317
Android (android.graphics.Color)	4280573276 (0xFF245D5C)
YUV	75.8430, 7.9654, -34.9423
Hunter-Lab	29.9608, -13.2668, -1.8076




Details

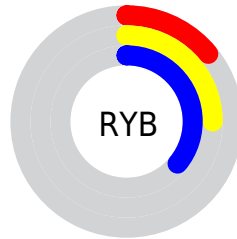
The Decimal color **2383196** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6104101**, and the grayscale version is **5000268**.




A 20% lighter version of the original color is **5804174**, and **12078** is the 20% darker color. If you saturate the color by 10%, you get **1793372**, and if you desaturate by 10%, it is **2973020**.

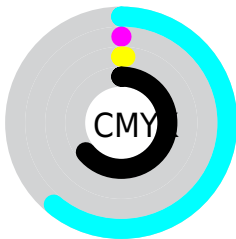
Distribution







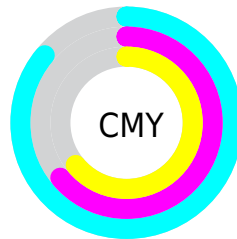
-  Red (14%)
-  Green (36%)
-  Blue (36%)






-  Red (14%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (64%)



-  Cyan (86%)
-  Magenta (64%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2383196 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 2383196 by changing the saturation by 10% instead.

■ 2383196

■ 2383196

16777215

■ 214341

■ 5804174

■ 12078

■ 7514793

■ 6938

■ 9291460

■ 0

■ 11068128

■ 12910332

■ 14745599

■ 16646143

■ 2383196

■ 2383196

■ 1793372

■ 2973020

■ 1138012

■ 3628380

■ 548188

■ 4218204

■ 23899

■ 4808029

■ 5397853

■ 6053213

■ 6643037

■ 7232861

■ 7888221

Harmonies

Analogous

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



3431500



2383196



2251882

Triad

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



2383196



6311530



6705463

Complementary

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



2383196



6104101

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.



7359551



2383196



7227997

Square

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



2383196



5002098



7555405



5723702

Rectangle

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



2383196



2972272



7555405



6967097

Sweetspot

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



2383196



6453367



2514212



3161405



12434877



4013373

Same Dimension

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



2383196



2062454



2376285



2698798



28268



60905

Inverse Universe

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



6104101



7872289



6111012



3025193



7208962



15532036

Previews

White Background



This preview shows how the Decimal color 2383196 looks on a white background.

Color Contrast Check

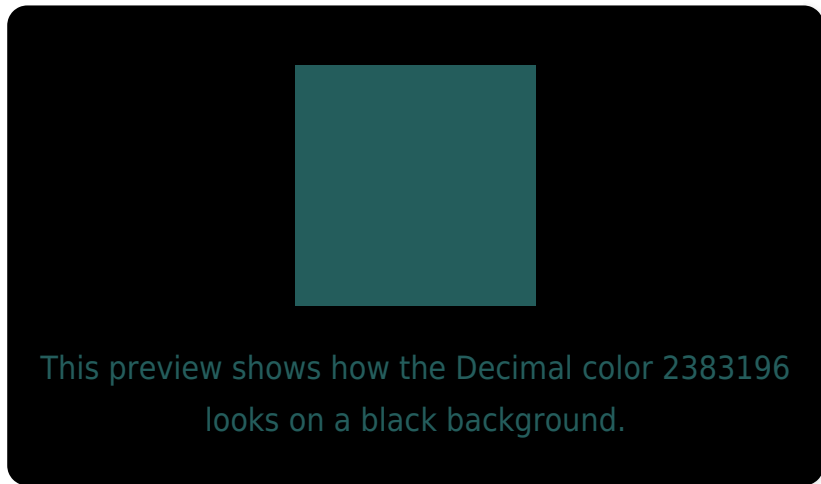
Large Text (above 18pt) WCAG AA ✓ Pass

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

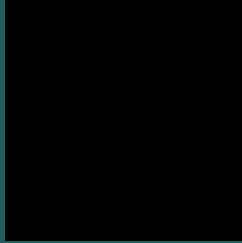
Any Text WCAG AA × Fail

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 2383196 Background



This preview shows how black text looks on a background with the Decimal color 2383196.



This preview shows how white text looks on a background with the Decimal color 2383196.

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
2383196

Protanopia
5592150

Deuteranopia
5788254

Trichromacy



Original Color
2383196

Protanomaly
4413272

Deuteranomaly
4544093

Tritanomaly
2514016

Monochromacy



Original Color
2383196

Achromatopsia
5000268

Achromatomaly
4018770

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2383196 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 #245D5C looks like.

```
.text, #text, p{  
  color:#245D5C  
}
```

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 #245D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245D5C
}
```

Border

The CSS property to change the border of an element to Decimal 2383196 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".

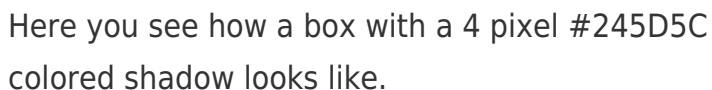
```
.border, #border, table{ border:4px solid
#245D5C }
```

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

```
.border{ border-color:#245D5C }
```

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

Here you see how a box with a 4 pixel #245D5C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245D5C; -webkit-box-shadow:4px 4px  
4px 4px #245D5C; box-shadow:4px 4px 4px  
4px #245D5C }
```

Background

The CSS property to change the background color of an element to Decimal 2383196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245D5C }
```

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

```
.background{ background-color:#245D5C }
```

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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