

Converting Colors

Decimal(3827536)

Have a look what the booklet for
Decimal(3827536) contains.

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Color

Decimal(3827536)

Conversions

Conversions Part 1

Format	Color
Hex	3A6750
RGB	58, 103, 80
RGB Percent	23%, 40%, 31%
CMY	0.7725, 0.5961, 0.6863
CMYK	0.44, 0.00, 0.22, 0.60
HSL	149°, 28%, 32%
HSV	149°, 44%, 40%
XYZ	8.0431, 11.1792, 9.3233
YIQ	86.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

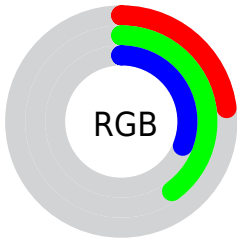
Format	Color
RYB	58, 88, 103
Decimal	3827536
CIELab	39.88, -21.35, 8.19
CIElCh	40, 22.868, 159.003
Yxy	11.1792, 0.2818, 0.3916
Android (android.graphics.Color)	4282017616 (0xFF3A6750)
YUV	86.9230, -3.4130, -25.3655
Hunter-Lab	33.4353, -15.5723, 6.8720

Details

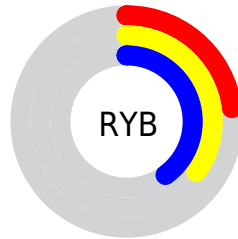
The Decimal color **3827536** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6765137**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7117441**, and **538659** is the 20% darker color. If you saturate the color by 10%, you get **3172171**, and if you desaturate by 10%, it is **4482901**.

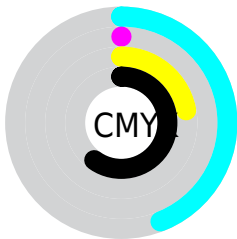
Distribution



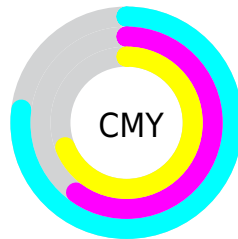
- Red (23%)
- Green (40%)
- Blue (31%)



- Red (23%)
- Yellow (35%)
- Blue (40%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (77%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3827536 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 3827536 by changing the saturation by 10% instead.

■ 3827536

■ 3827536

16777215

■ 2248505

■ 7117441

■ 538659

■ 8762779

■ 8718

■ 10539446

■ 0

■ 12381650

■ 14221294

■ 16056319

■ 3827536

■ 3827536

■ 3172171

■ 4482901

■ 2451269

■ 5203803

■ 1795904

■ 5859168

■ 1140539

■ 6514533

■ 419638

■ 7235434

■ 26418

■ 7890800

■ 8546165

■ 9201530

■ 9922431

Harmonies

Analogous

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



5334080



3827536



2320483

Triad

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



3827536



5070467



8409671

Complementary

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



3827536



6765137

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.



8540249



3827536



6838139

Square

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



3827536



3105920



8016492



7755835

Rectangle

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



3827536



1665135



8016492



8540493

Sweetspot

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



3827536



7767934



5334842



3818815



12895428



4539717

Same Dimension

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



3827536



4294499



3827558



3027760



29496



62070

Inverse Universe

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



6765137



8864101



6765115



3354161



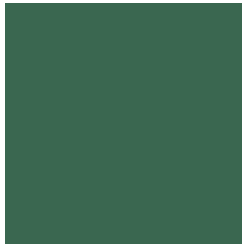
7536699



15859836

Previews

White Background



This preview shows how the Decimal color 3827536 looks on a white background.

Color Contrast Check

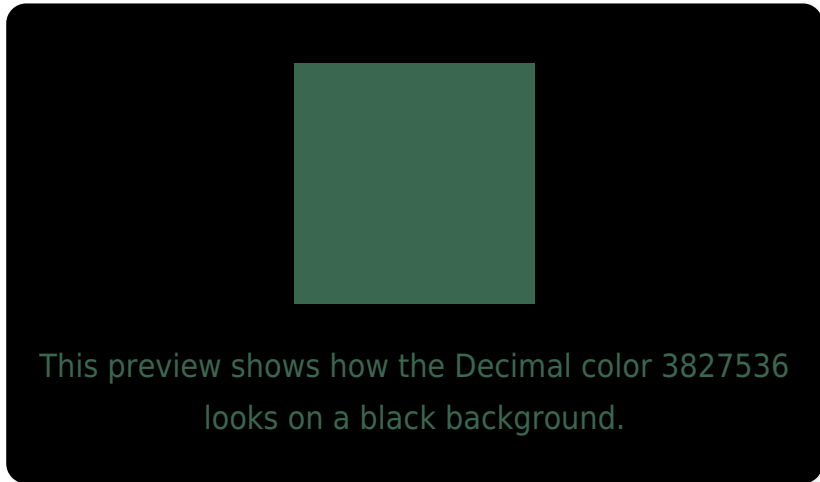
Large Text (above 18pt) WCAG AA ✓ Pass

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

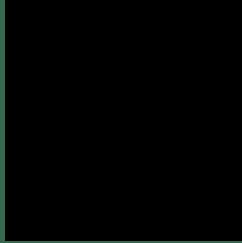
Any Text WCAG AA × Fail

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 3827536 Background



This preview shows how black text looks on a background with the Decimal color 3827536.



This preview shows how white text looks on a background with the Decimal color 3827536.

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
3827536

Protanopia
6511947

Deuteranopia
7035475



Tritanopia
4285291

Trichromacy



Original Color
3827536

Protanomaly
5529933

Deuteranomaly
5857106

Tritanomaly
4088929

Monochromacy



Original Color
3827536

Achromatopsia
5723991

Achromatomaly
5004628

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3827536 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 #3A6750 looks like.

```
.text, #text, p{  
    color:#3A6750  
}
```

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 #3A6750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6750
}
```

Border

The CSS property to change the border of an element to Decimal 3827536 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
#3A6750 }
```

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

```
.border{ border-color:#3A6750 }
```

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

Here you see how a box with a 4 pixel #3A6750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6750; -webkit-box-shadow:4px 4px  
4px 4px #3A6750; box-shadow:4px 4px 4px  
4px #3A6750 }
```

Background

The CSS property to change the background color of an element to Decimal 3827536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6750 }
```

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

```
.background{ background-color:#3A6750 }
```

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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