

Converting Colors

Decimal(2517852)

Have a look what the booklet for
Decimal(2517852) contains.

Decimal(2517852)	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(2517852)

Conversions

Conversions Part 1

Format	Color
Hex	266B5C
RGB	38, 107, 92
RGB Percent	15%, 42%, 36%
CMY	0.8510, 0.5804, 0.6392
CMYK	0.64, 0.00, 0.14, 0.58
HSL	167°, 48%, 28%
HSV	167°, 64%, 42%
XYZ	7.9888, 11.7002, 11.9625
YIQ	84.6590, -36.3090, -19.2930

Conversions

Conversions Part 2

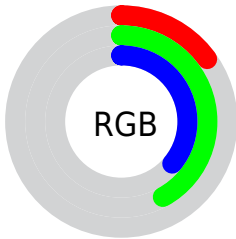
Format	Color
RYB	38, 77, 107
Decimal	2517852
CIELab	40.74, -25.53, 2.03
CIELCh	41, 25.610, 175.453
Yxy	11.7002, 0.2524, 0.3697
Android (android.graphics.Color)	4280707932 (0xFF266B5C)
YUV	84.6590, 3.6191, -40.9199
Hunter-Lab	34.2055, -18.1705, 3.2087

Details

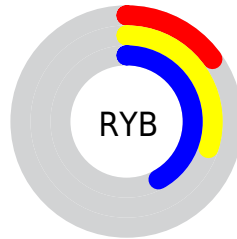
The Decimal color **2517852** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7022133**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6004622**, and **15150** is the 20% darker color. If you saturate the color by 10%, you get **1796954**, and if you desaturate by 10%, it is **3238750**.

Distribution



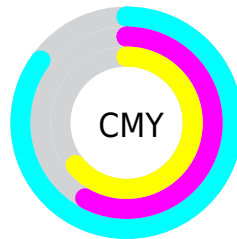
- Red (15%)
- Green (42%)
- Blue (36%)



- Red (15%)
- Yellow (30%)
- Blue (42%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2517852 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 2517852 by changing the saturation by 10% instead.

■ 2517852

■ 2517852

16777215

■ 152133

■ 6004622

■ 15150

■ 7781033

■ 9498

■ 9557700

■ 1280

■ 11334368

■ 0

■ 13238268

■ 15073279

■ 2517852

■ 2517852

■ 1796954

■ 3238750

■ 1141591

■ 3894113

■ 420693

■ 4615011

■ 27476

■ 5335909

■ 6056808

■ 6712170

■ 7433068

■ 8153967

■ 8809329

Harmonies

Analogous

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



4417864



2517852



93041

Triad

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



2517852



6184070



8476222

Complementary

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



2517852



7022133

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.



8999247



2517852



7820408

Square

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



2517852



3892106



8802404



7429686

Rectangle

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



2517852



158077



8802404



8672323

Sweetspot

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



2517852



7507078



3566374



3622724



13092807



4671303

Same Dimension

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



2517852



2133109



2513259



3159604



30044



62912

Inverse Universe

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



7022133



9183288



7026726



3551281



7667738



16056373

Previews

White Background



This preview shows how the Decimal color 2517852 looks on a white background.

Color Contrast Check

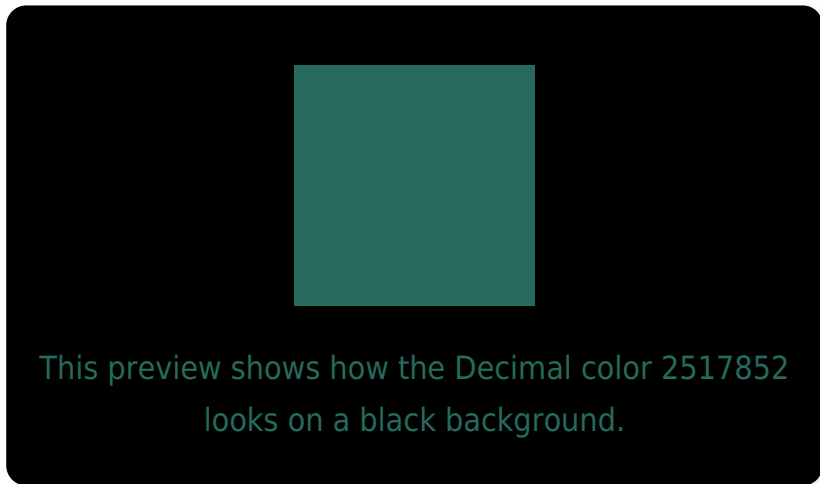
Large Text (above 18pt) WCAG AA ✓ Pass

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 2517852 Background



This preview shows how black text looks on a background with the Decimal color 2517852.



This preview shows how white text looks on a background with the Decimal color 2517852.

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
2517852

Protanopia
6578006

Deuteranopia
6905183

Trichromacy



Original Color
2517852

Protanomaly
5071704

Deuteranomaly
5333598

Tritanomaly
2910569

Monochromacy



Original Color
2517852

Achromatopsia
5592405

Achromatomaly
4480344

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2517852 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 #266B5C looks like.

```
.text, #text, p{  
    color:#266B5C  
}
```

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 #266B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266B5C
}
```

Border

The CSS property to change the border of an element to Decimal 2517852 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
#266B5C }
```

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

```
.border{ border-color:#266B5C }
```

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

Here you see how a box with a 4 pixel #266B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266B5C; -webkit-box-shadow:4px 4px  
4px 4px #266B5C; box-shadow:4px 4px 4px  
4px #266B5C }
```

Background

The CSS property to change the background color of an element to Decimal 2517852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266B5C }
```

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

```
.background{ background-color:#266B5C }
```

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