

Converting Colors

Decimal(3111522)

Have a look what the booklet for
Decimal(3111522) contains.

Decimal(3111522) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(3111522)

Conversions

Conversions Part 1	
Format	Color
Hex	2F7A62
RGB	47, 122, 98
RGB Percent	18%, 48%, 38%
CMY	0.8157, 0.5216, 0.6157
CMYK	0.61, 0.00, 0.20, 0.52
HSL	161°, 44%, 33%
HSV	161°, 61%, 48%
XYZ	10.3364, 15.4052, 13.9840
YIQ	96.8390, -36.9960, -23.3640

Conversions

Conversions Part 2

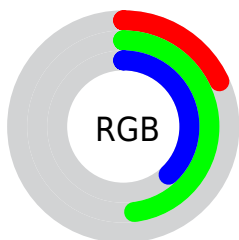
Format	Color
RYB	47, 92, 122
Decimal	3111522
CIELab	46.18, -29.38, 6.31
CIELCh	46, 30.045, 167.881
Yxy	15.4052, 0.2602, 0.3878
Android (android.graphics.Color)	4281301602 (0xFF2F7A62)
YUV	96.8390, 0.5724, -43.7088
Hunter-Lab	39.2495, -21.6784, 6.3506

Details

The Decimal color **3111522** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8007495**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6664085**, and **18740** is the 20% darker color. If you saturate the color by 10%, you get **2325086**, and if you desaturate by 10%, it is **3897958**.

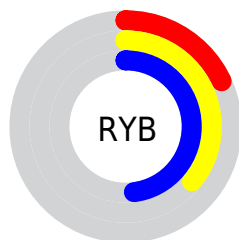
Distribution



Red (18%)

Green (48%)

Blue (38%)



Red (18%)

Yellow (36%)

Blue (48%)

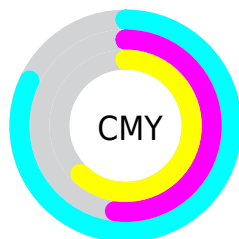


Cyan (61%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (82%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3111522 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 3111522 by changing the saturation by 10% instead.

 3111522

 3111522

16777215

 1007946

 6664085

 18740

 8440751

 12574

 10217419

 7686

 12058599

 0

 13893631

 15794175

 3111522

 3111522

 2325086

 3897958

 1538650

 4684394

 686678

 5536366

 31315

 6322802

 7109238

 7895673

 8682109

 9534081

 10320517

Harmonies

Analogous

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



5404491



3111522



31612

Triad

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



3111522



6384541



9920585

Complementary

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



3111522



8007495

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.



10377823



3111522



8610191

Square

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



3111522



3306398



9984633



8808508

Rectangle

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



3111522



31116



9984633



10181968

Sweetspot

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



3111522



8560277



4749871



4083529



13619151



5197647

Same Dimension

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



3111522



2727545



3108218



3620155



32085



64684

Inverse Universe

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



8007495



10365263



8010543



4011833



8192040



16515153

Previews

White Background



This preview shows how the Decimal color 311522 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



This preview shows how the Decimal color 3111522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

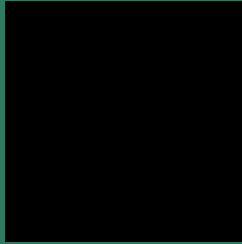
Any Text WCAG AA × Fail

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 311522 Background



This preview shows how black text looks on a background with the Decimal color 311522.



This preview shows how white text looks on a background with the Decimal color 311522.

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
3111522

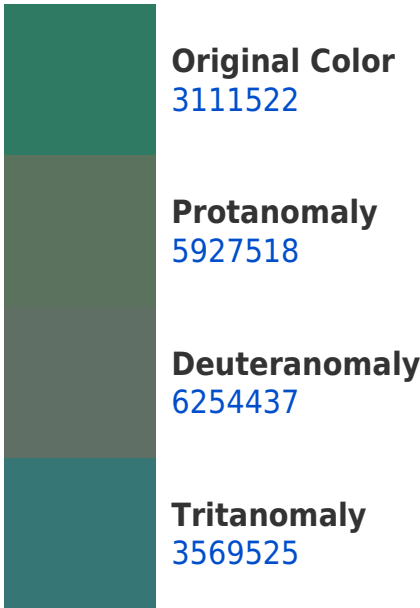
Protanopia
7564635

Deuteranopia
8022374

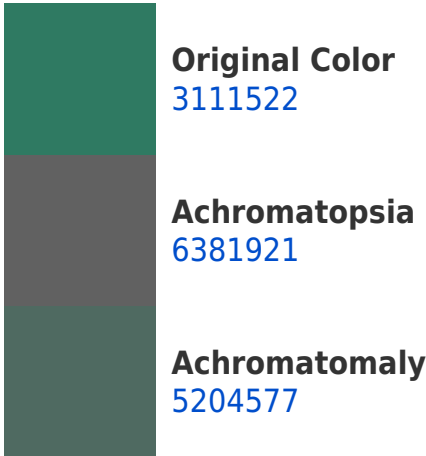


Tritanopia
3831424

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3111522 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 #2F7A62 looks like.

```
.text, #text, p{  
    color:#2F7A62  
}
```

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 #2F7A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7A62
}
```

Border

The CSS property to change the border of an element to Decimal 3111522 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
#2F7A62 }
```

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

```
.border{ border-color:#2F7A62 }
```

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

Here you see how a box with a 4 pixel #2F7A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7A62; -webkit-box-shadow:4px 4px  
4px 4px #2F7A62; box-shadow:4px 4px 4px  
4px #2F7A62 }
```

Background

The CSS property to change the background color of an element to Decimal 3111522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7A62 }
```

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

```
.background{ background-color:#2F7A62 }
```

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