

# Converting Colors

Decimal(2191949)

Have a look what the booklet for  
Decimal(2191949) contains.

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# Color

**Decimal(2191949)**

# Conversions

Conversions Part 1	
Format	Color
Hex	21724D
RGB	33, 114, 77
RGB Percent	13%, 45%, 30%
CMY	0.8706, 0.5529, 0.6980
CMYK	0.71, 0.00, 0.32, 0.55
HSL	153°, 55%, 29%
HSV	153°, 71%, 45%
XYZ	7.9841, 12.8938, 9.0891
YIQ	85.5630, -36.3990, -28.6790

# Conversions

## Conversions Part 2

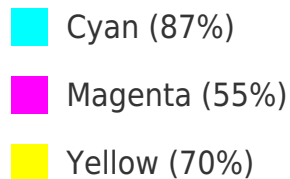
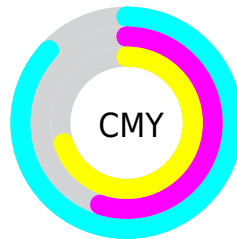
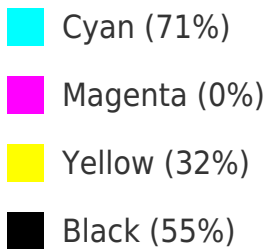
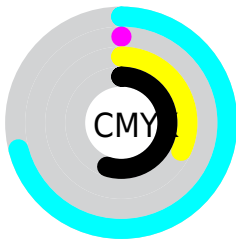
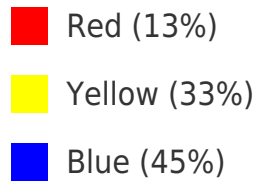
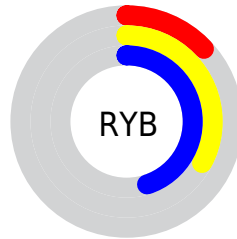
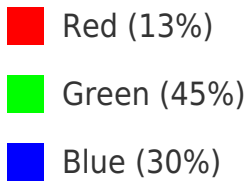
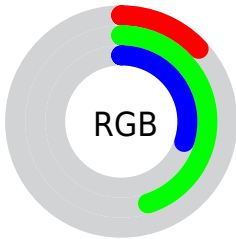
Format	Color
<a href="#">RYB</a>	<a href="#">33, 85, 114</a>
Decimal	<a href="#">2191949</a>
CIELab	<a href="#">42.60, -33.62, 13.63</a>
CIELCh	<a href="#">43, 36.279, 157.930</a>
Yxy	<a href="#">12.8938, 0.2664, 0.4303</a>
Android (android.graphics.Color)	<a href="#">4280382029</a> (0xFF21724D)
YUV	<a href="#">85.5630, -4.2216, -46.0978</a>
Hunter-Lab	<a href="#">35.9079, -23.1497, 10.1279</a>

# Details

The Decimal color **2191949** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7479622**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **5875582**, and **16672** is the 20% darker color. If you saturate the color by 10%, you get **1471048**, and if you desaturate by 10%, it is **2912850**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 2191949 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 2191949 by changing the saturation by 10% instead.



 2191949

 2191949

16777215

 22838

 5875582

 16672

 7651992


 10763

 9428659

 4352

 11205582

 0


 13107179

 15007743

 2191949

 2191949

 1471048

 2912850

 684611

 3699287

 29246

 4420189

 5206626

 5927527

 6648428

 7434865

 8155767

 8942204

# Harmonies

## Analogous

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



5139763



2191949



29804

# Triad

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



2191949



4089248



10047553

# Complementary

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



2191949



7479622

# 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.



10242910



2191949



7428756

# Square

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



2191949



28316



9457532



8936237

# Rectangle

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



2191949



29568



9457532



10178122



# Sweetspot

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



2191949



7705734



4682273



3623490



13224393



4868682



# Same Dimension

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



2191949



1479770



2191218



3291190



30785



63366



# Inverse Universe

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



7479622



9705040



7480353



3682869



7864375



16187505



# Previews

## White Background



This preview shows how the Decimal color 2191949 looks on a white background.

## Color Contrast Check

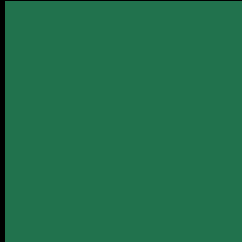
Large Text (above 18pt) WCAG AA ✓ Pass

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 2191949 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 2191949 Background



This preview shows how black text looks on a background with the Decimal color 2191949.



This preview shows how white text looks on a background with the Decimal color 2191949.

# 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**

2191949

**Protanopia**

7103559

**Deuteranopia**

7626833

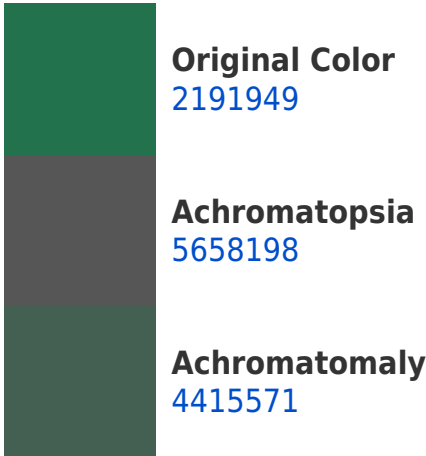


**Tritanopia**  
3304822

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2191949 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 #21724D looks like.

```
.text, #text, p{  
    color:#21724D  
}
```

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 #21724D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21724D
}
```

## Border

The CSS property to change the border of an element to Decimal 2191949 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
#21724D }
```

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

```
.border{ border-color:#21724D }
```

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

Here you see how a box with a 4 pixel #21724D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21724D; -webkit-box-shadow:4px 4px  
4px 4px #21724D; box-shadow:4px 4px 4px  
4px #21724D }
```

# Background

The CSS property to change the background color of an element to Decimal 2191949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21724D }
```

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

```
.background{ background-color:#21724D }
```

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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