

# Converting Colors

Decimal(2246499)

Have a look what the booklet for  
Decimal(2246499) contains.

<b>Decimal(2246499)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2246499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	224763
RGB	34, 71, 99
RGB Percent	13%, 28%, 39%
CMY	0.8667, 0.7216, 0.6118
CMYK	0.66, 0.28, 0.00, 0.61
HSL	206°, 49%, 26%
HSV	206°, 66%, 39%
XYZ	5.1651, 5.7474, 12.6415
YIQ	63.1290, -31.0400, 0.8640

# Conversions

## Conversions Part 2

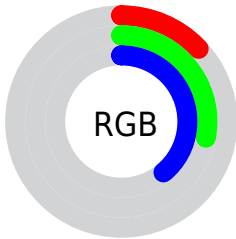
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 58, 99
Decimal	2246499
CIE <sub>Lab</sub>	28.77, -3.57, -20.39
CIE <sub>LCh</sub>	29, 20.696, 260.065
Yxy	5.7474, 0.2193, 0.2440
Android (android.graphics.Color)	4280436579 (0xFF224763)
YUV	63.1290, 17.6844, -25.5461
Hunter-Lab	23.9738, -3.4969, -14.4824




# Details

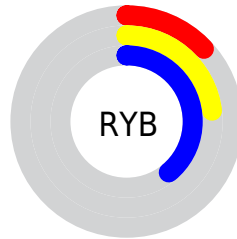
The Decimal color **2246499** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6503970**, and the grayscale version is **4144959**.




A 20% lighter version of the original color is **5666710**, and **7220** is the 20% darker color. If you saturate the color by 10%, you get **1590115**, and if you desaturate by 10%, it is **2902883**.

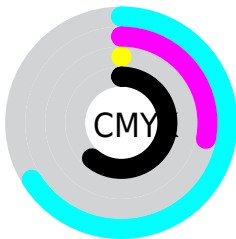
# Distribution







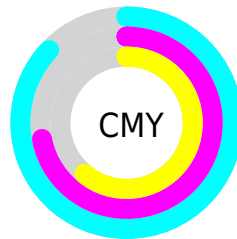
-  Red (13%)
-  Green (28%)
-  Blue (39%)






-  Red (13%)
-  Yellow (23%)
-  Blue (39%)



-  Cyan (66%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (87%)
-  Magenta (72%)
-  Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2246499 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 2246499 by changing the saturation by 10% instead.



■ 2246499

■ 2246499

16777215

■ 143691

■ 5666710

■ 7220

■ 7311793

■ 543

■ 9087948

■ 2

■ 10864616

■ 0

■ 12706815

■ 14548991

■ 16449535

■ 2246499

■ 2246499

■ 1590115

■ 2902883

■ 933475

■ 3559523

■ 277091

■ 4215907

■ 14435

■ 4872291

■ 5528675

■ 6119779

■ 6776163

■ 7432547

■ 8088931

# Harmonies

## Analogous

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



19292



2246499



4080226

# Triad

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



2246499



6502458



3230255

# Complementary

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



2246499



6503970

# 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.



4408869



2246499



6175788

# Square

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



2246499



6240330



5456164



1788990

# Rectangle

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



2246499



5062236



5456164



3623211



# Sweetspot

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



2246499



6714752



2253629



3160384



12566463



4210752



# Same Dimension

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



2246499



1791104



2238307



2895408



16496



35056



# Inverse Universe

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



6496839



8395604



6512162



3157038



7340096

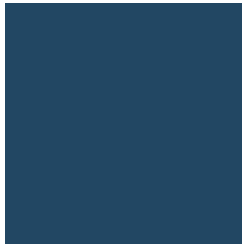


15728776



# Previews

## White Background



This preview shows how the Decimal color 2246499 looks on a white background.

## Color Contrast Check

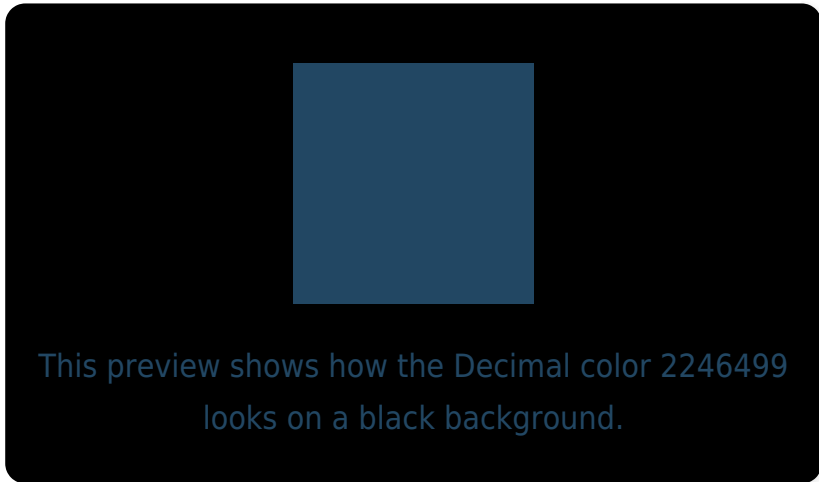
Large Text (above 18pt) WCAG AA ✓ Pass

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

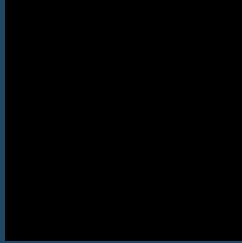
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

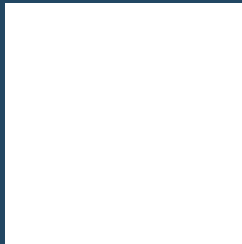
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2246499 Background



This preview shows how black text looks on a background with the Decimal color 2246499.



This preview shows how white text looks on a background with the Decimal color 2246499.

# 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](#).

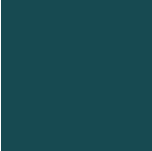
## Dichromacy



**Original Color**  
2246499

**Protanopia**  
3883872

**Deuteranopia**  
3556196



**Tritanopia**  
1526353

# Trichromacy



**Original Color**  
2246499

**Protanomaly**  
3294305

**Deuteranomaly**  
3097700

**Tritanomaly**  
1788248

# Monochromacy



**Original Color**  
2246499

**Achromatopsia**  
4144959

**Achromatomaly**  
3424844

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2246499 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 #224763 looks like.

```
.text, #text, p{  
  color:#224763  
}
```

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 #224763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224763
}
```

## Border

The CSS property to change the border of an element to Decimal 2246499 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
#224763 }
```

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

```
.border{ border-color:#224763 }
```

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

Here you see how a box with a 4 pixel #224763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224763; -webkit-box-shadow:4px 4px  
4px 4px #224763; box-shadow:4px 4px 4px  
4px #224763 }
```

# Background

The CSS property to change the background color of an element to Decimal 2246499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224763 }
```

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

```
.background{ background-color:#224763 }
```

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