

# Converting Colors

Decimal(2253363)

Have a look what the booklet for  
Decimal(2253363) contains.

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# Color

**Decimal(2253363)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	226233
RGB	34, 98, 51
RGB Percent	13%, 38%, 20%
CMY	0.8667, 0.6157, 0.8000
CMYK	0.65, 0.00, 0.48, 0.62
HSL	136°, 48%, 26%
HSV	136°, 65%, 38%
XYZ	5.6249, 9.3145, 4.6334
YIQ	73.5060, -23.0570, -28.1850

# Conversions

## Conversions Part 2

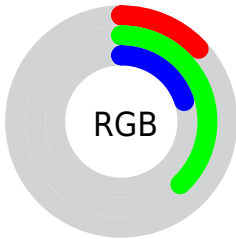
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 85, 98
Decimal	2253363
CIE <sub>Lab</sub>	36.58, -31.80, 20.84
CIE <sub>LCh</sub>	37, 38.020, 146.769
Yxy	9.3145, 0.2874, 0.4759
Android (android.graphics.Color)	4280443443 (0xFF226233)
YUV	73.5060, -11.0955, -34.6468
Hunter-Lab	30.5196, -20.5109, 12.3625

# Details

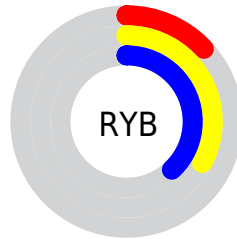
The Decimal color **2253363** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6431313**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **5674338**, and **12806** is the 20% darker color. If you saturate the color by 10%, you get **1597996**, and if you desaturate by 10%, it is **2908730**.

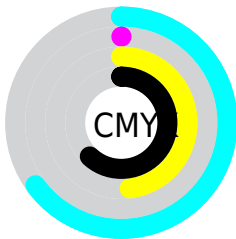
# Distribution



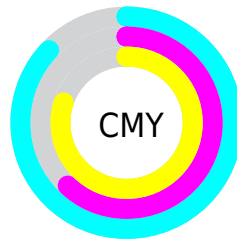
- Red (13%)
- Green (38%)
- Blue (20%)



- Red (13%)
- Yellow (33%)
- Blue (38%)



- Cyan (65%)
- Magenta (0%)
- Yellow (48%)
- Black (62%)



- Cyan (87%)
- Magenta (62%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2253363 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 2253363 by changing the saturation by 10% instead.





2253363



2253363

16777215



84509



5674338



12806



7385211



7936



9161877



0



10938544



12779468



14614504



16580607



2253363



2253363

■ 1597996

■ 2908730

■ 942629

■ 3564097

■ 352797

■ 4153929

■ 25114

■ 4809296

■ 5464663

■ 6120030

■ 6775397

■ 7365229

■ 8020596

# Harmonies

## Analogous

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



4938779



2253363



25938

# Triad

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



2253363



23187



9256252

# Complementary

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



2253363



6431313

# 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.



9124443



2253363



5328781

# Square

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



2253363



25225



7881592



8407075

# Rectangle

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



2253363



25959



7881592



9321286



# Sweetspot

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



2253363



6717549



5399074



3162165



12566463



4210752



# Same Dimension

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



2253363



1867830



2253394



2895917



28702



61504



# Inverse Universe

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



6431313



8395877



6431282



3157039



7340114

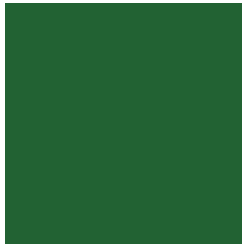


15728816



# Previews

## White Background



This preview shows how the Decimal color 2253363 looks on a white background.

## Color Contrast Check

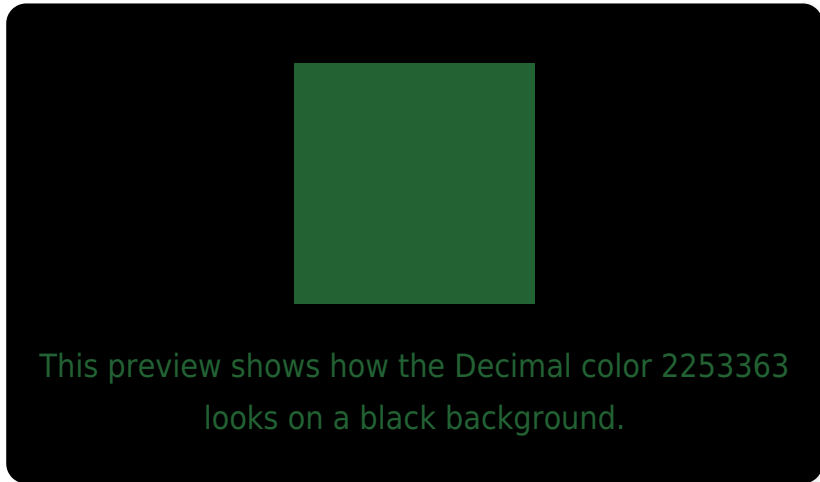
Large Text (above 18pt) WCAG AA ✓ Pass

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

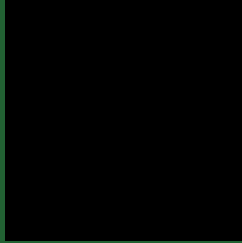
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2253363 Background



This preview shows how black text looks on a background with the Decimal color 2253363.



This preview shows how white text looks on a background with the Decimal color 2253363.

# 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**  
2253363

**Protanopia**  
6182447

**Deuteranopia**  
6771255



**Tritanopia**  
3235172

# Trichromacy



**Original Color**  
2253363

**Protanomaly**  
4741680

**Deuteranomaly**  
5134390

**Tritanomaly**  
2907986

# Monochromacy



**Original Color**  
2253363

**Achromatopsia**  
4868682

**Achromatomaly**  
3887938

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2253363 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 #226233 looks like.

```
.text, #text, p{  
  color:#226233  
}
```

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 #226233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226233
}
```

## Border

The CSS property to change the border of an element to Decimal 2253363 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
#226233 }
```

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

```
.border{ border-color:#226233 }
```

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

Here you see how a box with a 4 pixel #226233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226233; -webkit-box-shadow:4px 4px  
4px 4px #226233; box-shadow:4px 4px 4px  
4px #226233 }
```

# Background

The CSS property to change the background color of an element to Decimal 2253363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226233 }
```

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

```
.background{ background-color:#226233 }
```

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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