

# Converting Colors

Decimal(7508856)

Have a look what the booklet for  
Decimal(7508856) contains.

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# Color

**Decimal(7508856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729378
RGB	114, 147, 120
RGB Percent	45%, 58%, 47%
CMY	0.5529, 0.4235, 0.5294
CMYK	0.22, 0.00, 0.18, 0.42
HSL	131°, 13%, 51%
HSV	131°, 22%, 58%
XYZ	20.7633, 25.8009, 21.6550
YIQ	134.0550, -11.0010, -15.3930

# Conversions

## Conversions Part 2

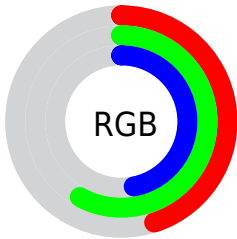
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 142, 147
Decimal	7508856
CIELab	57.85, -17.18, 10.58
CIElCh	58, 20.174, 148.368
Yxy	25.8009, 0.3044, 0.3782
Android (android.graphics.Color)	4285698936 (0xFF729378)
YUV	134.0550, -6.9291, -17.5882
Hunter-Lab	50.7946, -15.9251, 10.2794

# Details

The Decimal color **7508856** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9663117**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **10930604**, and **4284487** is the 20% darker color. If you saturate the color by 10%, you get **6525804**, and if you desaturate by 10%, it is **8491908**.

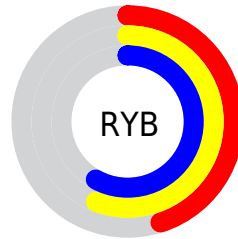
# Distribution



Red (45%)

Green (58%)

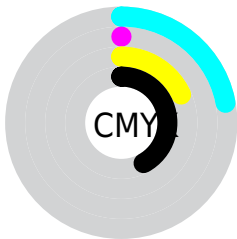
Blue (47%)



Red (45%)

Yellow (56%)

Blue (58%)

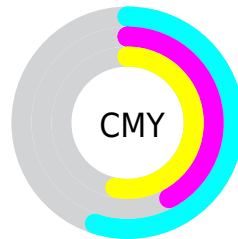


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7508856 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 7508856 by changing the saturation by 10% instead.





7508856



7508856

16777215



5863775



10930604



4284487



12772808



2770993



14614500



1323548



16449535



7426



0



7508856



7508856



6525804



8491908



5608288



9409424

■ 4625236

■ 10392476

■ 3642184

■ 11375528

■ 2724668

■ 12293044

■ 1741616

■ 13276096

■ 758564

■ 14259148

■ 37659

■ 15242200

■ 16159716

# Harmonies

## Analogous

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



8818540



7508856



6329737

# Triad

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



7508856



7638446



11501435

# Complementary

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



7508856



9663117

# 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.



11370125



7508856



9275306

# Square

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



7508856



6329000



10584478



11043950

# Rectangle

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



7508856



5870997



10584478



11501441



# Sweetspot

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



7508856



11714484



9278322



5857627



14737632



6381921



# Same Dimension

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



7508856



9224085



7508872



4409924



35353



2562



# Inverse Universe

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



9663117



12553398



9663101



4866889



9044081



655368



# Previews

## White Background



This preview shows how the Decimal color 7508856 looks on a white 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

# Black Background



This preview shows how the Decimal color 7508856 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

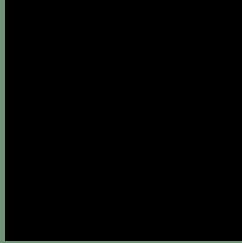
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7508856 Background



This preview shows how black text looks on a background with the Decimal color 7508856.



This preview shows how white text looks on a background with the Decimal color 7508856.

# 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**  
7508856

**Protanopia**  
9603700

**Deuteranopia**  
10389115



# Trichromacy



**Original Color**  
7508856

**Protanomaly**  
8818037

**Deuteranomaly**  
9341818

**Tritanomaly**  
7770254

# Monochromacy



**Original Color**  
7508856

**Achromatopsia**  
8816262

**Achromatomaly**  
8358785

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7508856 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 #729378 looks like.

```
.text, #text, p{  
    color:#729378  
}
```

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 #729378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729378
}
```

## Border

The CSS property to change the border of an element to Decimal 7508856 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
#729378 }
```

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

```
.border{ border-color:#729378 }
```

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

Here you see how a box with a 4 pixel #729378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729378; -webkit-box-shadow:4px 4px  
4px 4px #729378; box-shadow:4px 4px 4px  
4px #729378 }
```

# Background

The CSS property to change the background color of an element to Decimal 7508856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729378 }
```

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

```
.background{ background-color:#729378 }
```

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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