

# Converting Colors

Decimal(2709588)

Have a look what the booklet for  
Decimal(2709588) contains.

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**Color**

**Decimal(2709588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	295854
RGB	41, 88, 84
RGB Percent	16%, 35%, 33%
CMY	0.8392, 0.6549, 0.6706
CMYK	0.53, 0.00, 0.05, 0.65
HSL	175°, 36%, 25%
HSV	175°, 53%, 35%
XYZ	6.0044, 8.0910, 9.6328
YIQ	73.4910, -26.7280, -11.2080

# Conversions

## Conversions Part 2

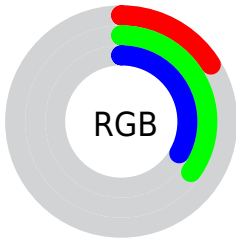
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 66, 88
Decimal	2709588
CIE <sub>Lab</sub>	34.17, -17.12, -2.61
CIE <sub>LCh</sub>	34, 17.320, 188.681
Yxy	8.0910, 0.2531, 0.3410
Android (android.graphics.Color)	4280899668 (0xFF295854)
YUV	73.4910, 5.1809, -28.4946
Hunter-Lab	28.4446, -12.0983, -0.1673




# Details

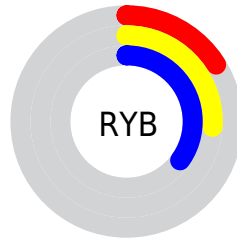
The Decimal color **2709588** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5777709**, and the grayscale version is **4802889**.




A 20% lighter version of the original color is **5999237**, and **10791** is the 20% darker color. If you saturate the color by 10%, you get **2119763**, and if you desaturate by 10%, it is **3299413**.

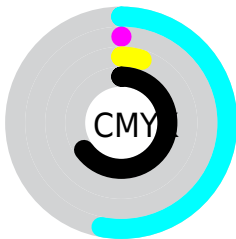
# Distribution







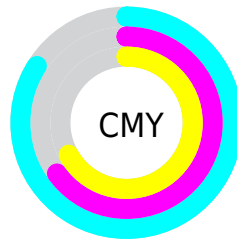
-  Red (16%)
-  Green (35%)
-  Blue (33%)






-  Red (16%)
-  Yellow (26%)
-  Blue (35%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (65%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2709588 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 2709588 by changing the saturation by 10% instead.



■ 2709588

■ 2709588

16777215

■ 933949

■ 5999237

■ 10791

■ 7644576

■ 5907

■ 9420987

■ 0

■ 11197654

■ 13039859

■ 14876671

■ 2709588

■ 2709588

■ 2119763

■ 3299413

■ 1529939

■ 3889237

■ 1005650

■ 4413526

■ 415825

■ 5003351

■ 22609

■ 5593176

■ 6183000

■ 6772825

■ 7297114

■ 7886939

# Harmonies

## Analogous

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



3626822



2709588



2447201

# Triad

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



2709588



5720934



6507575

# Complementary

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



2709588



5777709

# 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.



6965312



2709588



6637403

# Square

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



2709588



4477035



7095885



5656885

# Rectangle

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



2709588



2840167



7095885



6703929



# Sweetspot

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



2709588



6321009



3037225



3160890



12237498



3881787



# Same Dimension

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



2709588



2716524



2704728



2566955



27490



60375



# Inverse Universe

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



5777709



7547184



5782569



2828071



7012361



15400980



# Previews

## White Background



This preview shows how the Decimal color 2709588 looks on a white background.

## Color Contrast Check

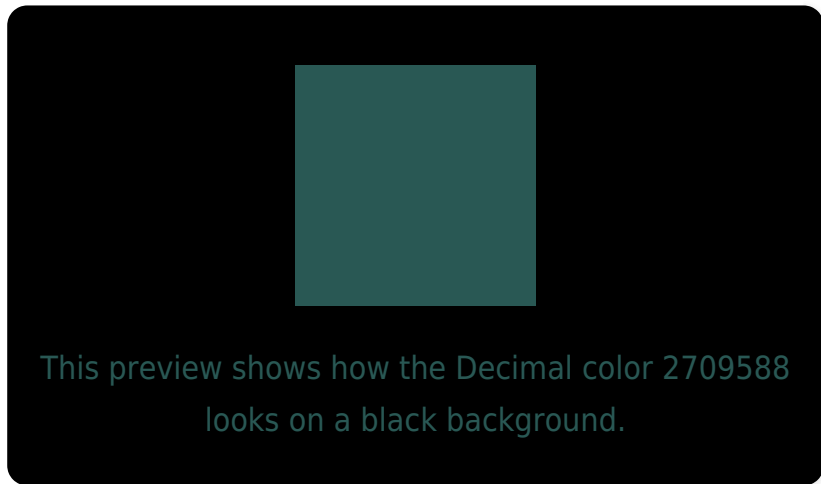
Large Text (above 18pt) WCAG AA ✓ Pass

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

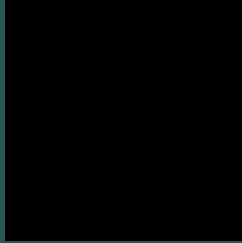
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2709588 Background



This preview shows how black text looks on a background with the Decimal color 2709588.



This preview shows how white text looks on a background with the Decimal color 2709588.

# 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



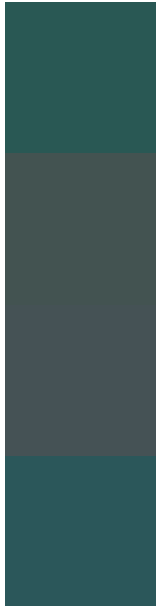
**Original Color**  
2709588

**Protanopia**  
5394511

**Deuteranopia**  
5590614



# Trichromacy



**Original Color**  
2709588

**Protanomaly**  
4412241

**Deuteranomaly**  
4543061

**Tritanomaly**  
2840410

# Monochromacy



**Original Color**  
2709588

**Achromatopsia**  
4802889

**Achromatomaly**  
4017741

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2709588 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 #295854 looks like.

```
.text, #text, p{  
  color:#295854  
}
```

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 #295854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295854
}
```

## Border

The CSS property to change the border of an element to Decimal 2709588 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
#295854 }
```

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

```
.border{ border-color:#295854 }
```

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

Here you see how a box with a 4 pixel #295854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295854; -webkit-box-shadow:4px 4px  
4px 4px #295854; box-shadow:4px 4px 4px  
4px #295854 }
```

# Background

The CSS property to change the background color of an element to Decimal 2709588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295854 }
```

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

```
.background{ background-color:#295854 }
```

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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