

Converting Colors

Decimal(5793169)

Have a look what the booklet for
Decimal(5793169) contains.

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Color

Decimal(5793169)

Conversions

Conversions Part 1

Format	Color
Hex	586591
RGB	88, 101, 145
RGB Percent	35%, 40%, 57%
CMY	0.6549, 0.6039, 0.4314
CMYK	0.39, 0.30, 0.00, 0.43
HSL	226°, 24%, 46%
HSV	226°, 39%, 57%
XYZ	13.7890, 13.4264, 28.6529
YIQ	102.1290, -21.8720, 10.9280

Conversions

Conversions Part 2

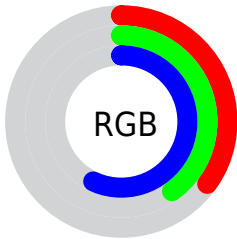
Format	Color
R_{YB}	88, 99, 145
Decimal	5793169
CIE Lab	43.40, 6.70, -25.75
CIE LCh	43, 26.608, 284.575
Yxy	13.4264, 0.2468, 0.2403
Android (android.graphics.Color)	4283983249 (0xFF586591)
YUV	102.1290, 21.1354, -12.3911
Hunter-Lab	36.6421, 3.0489, -20.7134

Details

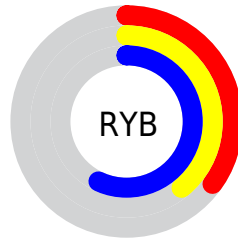
The Decimal color **5793169** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9536600**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9214151**, and **2504542** is the 20% darker color. If you saturate the color by 10%, you get **4872849**, and if you desaturate by 10%, it is **6713489**.

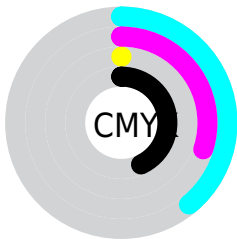
Distribution



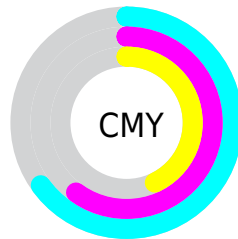
- Red (35%)
- Green (40%)
- Blue (57%)



- Red (35%)
- Yellow (39%)
- Blue (57%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (43%)



- Cyan (65%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5793169 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 5793169 by changing the saturation by 10% instead.

■ 5793169

■ 5793169

16777215

■ 4148599

■ 9214151

■ 2504542

■ 10990307

■ 663878

■ 12832511

■ 2608

■ 14674687

■ 282

■ 16580607

■ 0

■ 5793169

■ 5793169

■ 4872849

■ 6713489

■ 3886993

■ 7699345

■ 2966417

■ 8685457

■ 1980561

■ 9605777

■ 994705

■ 10591633

■ 74385

■ 11511953

■ 8593

■ 12497809

■ 13418385

■ 14404241

Harmonies

Analogous

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



3239057



5793169



7822726

Triad

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



5793169



9263689



3502426

Complementary

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



5793169



9536600

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.



5402182



5793169



8347964

Square

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



5793169



9590365



6973755



1274481

Rectangle

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



5793169



8738938



6973755



4157779

Sweetspot

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



5793169



10922941



5804420



5330014



14606046



6184542

Same Dimension

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



5793169



6584509



6772881



4211271



8071



520

Inverse Universe

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



9525349



12412024



8556888



4669506



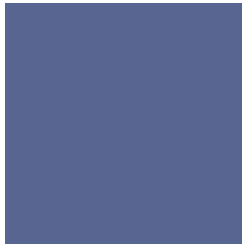
8847391



524290

Previews

White Background



This preview shows how the Decimal color 5793169 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 5793169 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

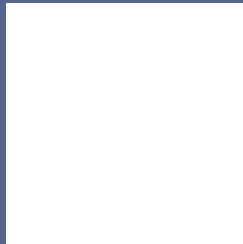
Any Text WCAG AAA × Fail

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

Decimal 5793169 Background



This preview shows how black text looks on a background with the Decimal color 5793169.



This preview shows how white text looks on a background with the Decimal color 5793169.

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
5793169

Protanopia
5858705

Deuteranopia
5727633



Tritanopia
5335923

Trichromacy



Original Color
5793169

Protanomaly
5858705

Deuteranomaly
5727633

Tritanomaly
5532030

Monochromacy



Original Color
5793169

Achromatopsia
6710886

Achromatomaly
6383222

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5793169 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 #586591 looks like.

```
.text, #text, p{  
    color:#586591  
}
```

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 #586591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586591
}
```

Border

The CSS property to change the border of an element to Decimal 5793169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

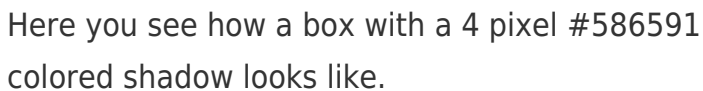
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#586591 }
```

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

```
.border{ border-color:#586591 }
```

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



Here you see how a box with a 4 pixel #586591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586591; -webkit-box-shadow:4px 4px  
4px 4px #586591; box-shadow:4px 4px 4px  
4px #586591 }
```

Background

The CSS property to change the background color of an element to Decimal 5793169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586591 }
```

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

```
.background{ background-color:#586591 }
```

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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