

Converting Colors

Decimal(5259200)

Have a look what the booklet for
Decimal(5259200) contains.

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Color

Decimal(5259200)

Conversions

Conversions Part 1

Format	Color
Hex	503FC0
RGB	80, 63, 192
RGB Percent	31%, 25%, 75%
CMY	0.6863, 0.7529, 0.2471
CMYK	0.58, 0.67, 0.00, 0.25
HSL	248°, 51%, 50%
HSV	248°, 67%, 75%
XYZ	14.6002, 9.0663, 50.8496
YIQ	82.7890, -31.2770, 43.7230

Conversions

Conversions Part 2

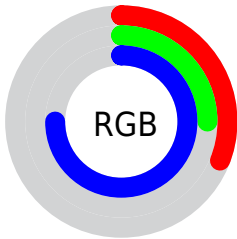
Format	Color
R_{YB}	80, 63, 192
Decimal	5259200
CIE _{Lab}	36.11, 43.16, -65.32
CIE _{LCh}	36, 78.293, 303.454
Yxy	9.0663, 0.1959, 0.1217
Android (android.graphics.Color)	4283449280 (0xFF503FC0)
YUV	82.7890, 53.8410, -2.4460
Hunter-Lab	30.1102, 33.8603, -79.0507

Details

The Decimal color **5259200** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **11518015**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9203961**, and **4489** is the 20% darker color. If you saturate the color by 10%, you get **4140224**, and if you desaturate by 10%, it is **6378176**.

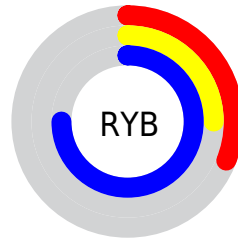
Distribution



Red (31%)

Green (25%)

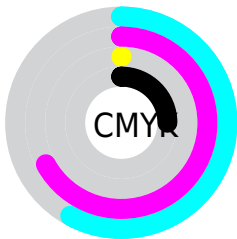
Blue (75%)



Red (31%)

Yellow (25%)

Blue (75%)

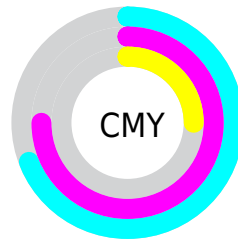


Cyan (58%)

Magenta (67%)

Yellow (0%)

Black (25%)



Cyan (69%)

Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5259200 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 5259200 by changing the saturation by 10% instead.

■ 5259200

■ 5259200

16777215

■ 3025060

■ 9203961

■ 4489

■ 11111167

■ 111

■ 13084159

■ 86

■ 14991615

■ 1597

■ 16768255

■ 807

■ 16775679

■ 272

■ 0

■ 5259200

■ 5259200

■ 4140224

■ 6378176

■ 3086784

■ 7431616

■ 1967552

■ 8550848

■ 1638592

■ 9669824

■ 10723264

■ 11842240

■ 12961216

■ 14014912

■ 15133888

Harmonies

Analogous

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



23765



5259200



10616974

Triad

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



5259200



9648384



27995

Complementary

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



5259200



11518015

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.



27156



5259200



6444288

Square

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



5259200



11796499



1467136



28058

Rectangle

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



5259200



12058726



1467136



27717

Sweetspot

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



5259200



13617402



4174272



6512509



16579836



8224125

Same Dimension

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



5259200



4861946



9387968



5789537



1376417



262177

Inverse Universe

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



12599215



16396255



7389247



6379360



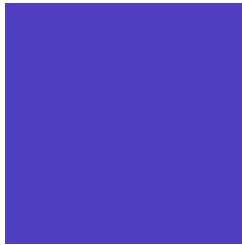
10551435



2162717

Previews

White Background



This preview shows how the Decimal color 5259200 looks on a white background.

Color Contrast Check

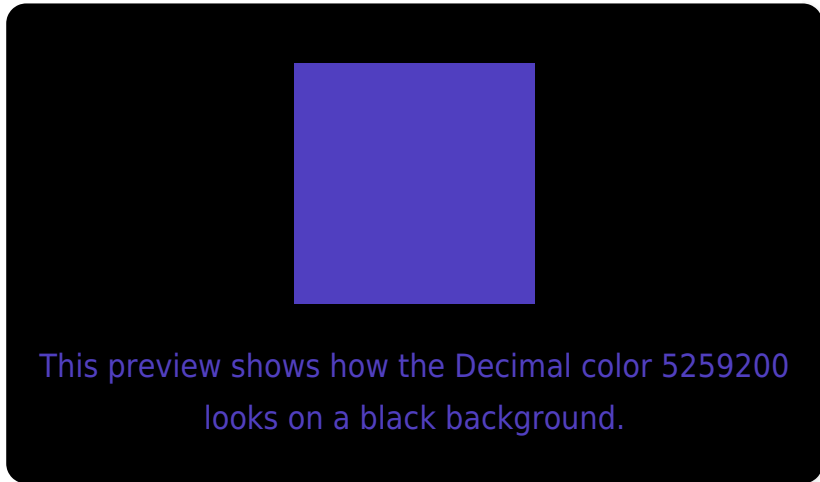
Large Text (above 18pt) WCAG AA ✓ Pass

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

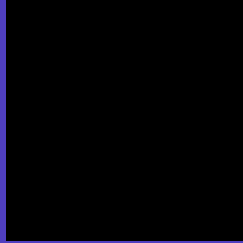
Any Text WCAG AA × Fail

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 5259200 Background



This preview shows how black text looks on a background with the Decimal color 5259200.



This preview shows how white text looks on a background with the Decimal color 5259200.

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



Trichromacy



Original Color
5259200

Protanomaly
1919924

Deuteranomaly
1920677

Tritanomaly
3625349

Monochromacy



Original Color
5259200

Achromatopsia
5460819

Achromatomaly
5393531

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5259200 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 #503FC0 looks like.

```
.text, #text, p{  
    color:#503FC0  
}
```

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 #503FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503FC0
}
```

Border

The CSS property to change the border of an element to Decimal 5259200 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
#503FC0 }
```

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

```
.border{ border-color:#503FC0 }
```

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

Here you see how a box with a 4 pixel #503FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503FC0; -webkit-box-shadow:4px 4px  
4px 4px #503FC0; box-shadow:4px 4px 4px  
4px #503FC0 }
```

Background

The CSS property to change the background color of an element to Decimal 5259200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503FC0 }
```

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

```
.background{ background-color:#503FC0 }
```

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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