

Converting Colors

Decimal(5255599)

Have a look what the booklet for
Decimal(5255599) contains.

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Color

Decimal(5255599)

Conversions

Conversions Part 1

Format	Color
Hex	5031AF
RGB	80, 49, 175
RGB Percent	31%, 19%, 69%
CMY	0.6863, 0.8078, 0.3137
CMYK	0.54, 0.72, 0.00, 0.31
HSL	255°, 56%, 44%
HSV	255°, 72%, 69%
XYZ	12.1444, 6.9972, 41.2680
YIQ	72.6330, -21.9700, 45.7580

Conversions

Conversions Part 2

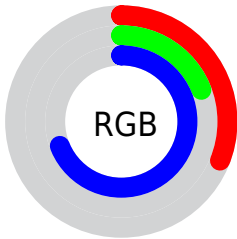
Format	Color
R_{YB}	80, 49, 175
Decimal	5255599
CIE Lab	31.80, 45.80, -62.32
CIE LCh	32, 77.341, 306.310
Yxy	6.9972, 0.2010, 0.1158
Android (android.graphics.Color)	4283445679 (0xFF5031AF)
YUV	72.6330, 50.4669, 6.4609
Hunter-Lab	26.4523, 35.6591, -73.9811

Details

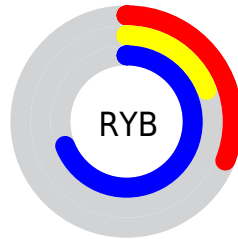
The Decimal color **5255599** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **9482033**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **9069288**, and **121** is the 20% darker color. If you saturate the color by 10%, you get **4399279**, and if you desaturate by 10%, it is **6112175**.

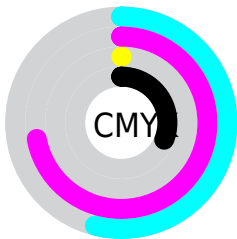
Distribution



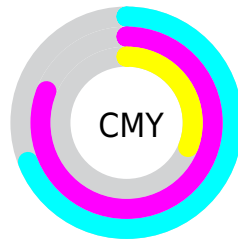
- Red (31%)
- Green (19%)
- Blue (69%)



- Red (31%)
- Yellow (19%)
- Blue (69%)



- Cyan (54%)
- Magenta (72%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (81%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5255599 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 5255599 by changing the saturation by 10% instead.

■ 5255599

■ 5255599

16777215

■ 3217812

■ 9069288

■ 121

■ 10976511

■ 96

■ 12883711

■ 71

■ 14856703

■ 1071

■ 16764415

■ 282

■ 16771839

■ 0

■ 5255599

■ 5255599

■ 4399279

■ 6112175

■ 3542703

■ 6968495

■ 2818223

■ 7890607

■ 8746927

■ 9603503

■ 10459823

■ 11316143

■ 12238255

■ 13094831

Harmonies

Analogous

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



20935



5255599



9961597

Triad

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



525599



8467200



24919

Complementary

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



525599



9482033

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.



24338



525599



5328128

Square

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



5255599



10682370



22784



25235

Rectangle

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



5255599



11206741



22784



24641

Sweetspot

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



5255599



12431843



3248815



6051187



15921906



7566195

Same Dimension

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



5255599



5251299



9253295



5262935



2424982



393239

Inverse Universe

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



11481488



14885043



5484337



5721685



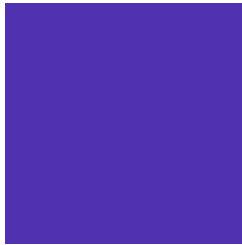
9830513



1507345

Previews

White Background



This preview shows how the Decimal color 5255599 looks on a white background.

Color Contrast Check

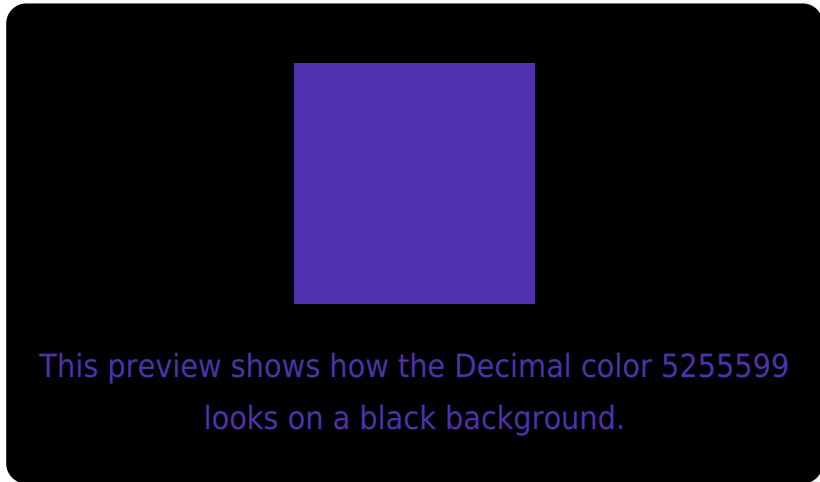
Large Text (above 18pt) WCAG AA ✓ Pass

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

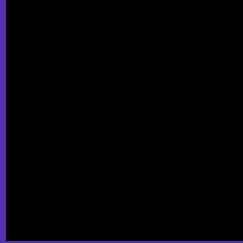
Any Text WCAG AA × Fail

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 5255599 Background



This preview shows how black text looks on a background with the Decimal color 5255599.



This preview shows how white text looks on a background with the Decimal color 5255599.

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
5255599

Protanomaly
1917089

Deuteranomaly
1917843

Tritanomaly
4015478

Monochromacy



Original Color
5255599

Achromatopsia
4802889

Achromatomaly
4997230

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5255599 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 #5031AF looks like.

```
.text, #text, p{  
    color:#5031AF  
}
```

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 #5031AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5031AF
}
```

Border

The CSS property to change the border of an element to Decimal 5255599 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
#5031AF }
```

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

```
.border{ border-color:#5031AF }
```

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

Here you see how a box with a 4 pixel #5031AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5031AF; -webkit-box-shadow:4px 4px  
4px 4px #5031AF; box-shadow:4px 4px 4px  
4px #5031AF }
```

Background

The CSS property to change the background color of an element to Decimal 5255599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5031AF }
```

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

```
.background{ background-color:#5031AF }
```

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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