

Converting Colors

Decimal(5181295)

Have a look what the booklet for
Decimal(5181295) contains.

Decimal(5181295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5181295)

Conversions

Conversions Part 1

Format	Color
Hex	4F0F6F
RGB	79, 15, 111
RGB Percent	31%, 6%, 44%
CMY	0.6902, 0.9412, 0.5647
CMYK	0.29, 0.86, 0.00, 0.56
HSL	280°, 76%, 25%
HSV	280°, 86%, 44%
XYZ	6.2645, 3.1516, 15.3171
YIQ	45.0800, 7.3280, 43.4240

Conversions

Conversions Part 2

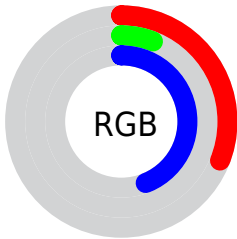
Format	Color
R_{YB}	79, 15, 111
Decimal	5181295
CIE _{Lab}	20.64, 44.03, -40.84
CIE _{LCh}	21, 60.059, 317.154
Yxy	3.1516, 0.2533, 0.1274
Android (android.graphics.Color)	4283371375 (0xFF4F0F6F)
YUV	45.0800, 32.4986, 29.7478
Hunter-Lab	17.7528, 31.9209, -38.7284

Details

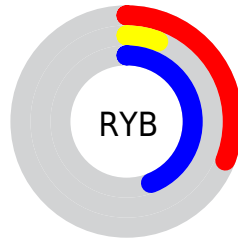
The Decimal color **5181295** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3108623**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **8668323**, and **2097214** is the 20% darker color. If you saturate the color by 10%, you get **4916335**, and if you desaturate by 10%, it is **5446255**.

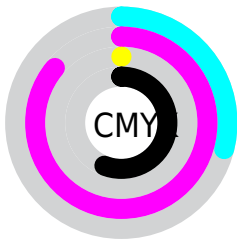
Distribution



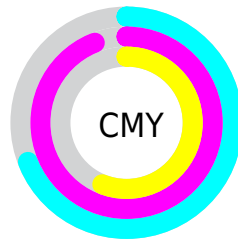
- Red (31%)
- Green (6%)
- Blue (44%)



- Red (31%)
- Yellow (6%)
- Blue (44%)



- Cyan (29%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5181295 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 5181295 by changing the saturation by 10% instead.

■ 5181295

■ 5181295

16777215

■ 3473494

■ 8668323

■ 2097214

■ 10444223

■ 39

■ 12285915

■ 273

■ 14193144

■ 0

■ 16100863

■ 16763135

■ 16770559

■ 5181295

■ 5181295

■ 4916335

■ 5446255

■ 4849775

■ 5645679

■ 5910639

■ 6175599

■ 6440559

■ 6640239

■ 6905199

■ 7170159

■ 7369583

Harmonies

Analogous

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



12424



5181295



7536711

Triad

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



5181295



5122304



16971

Complementary

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



5181295



3108623

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.



16668



5181295



2504448

Square

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



5181295



6947840



15872



17011

Rectangle

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



5181295



7995434



15872



16956

Sweetspot

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



5181295



8744081



995183



4338506



13224393



4868682

Same Dimension

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



5181295



6357137



7278431



3551800



5243000



10813687

Inverse Universe

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



7278383



9502768



1011487



3682868



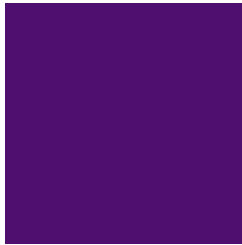
7864360



16187474

Previews

White Background



This preview shows how the Decimal color 5181295 looks on a white background.

Color Contrast Check

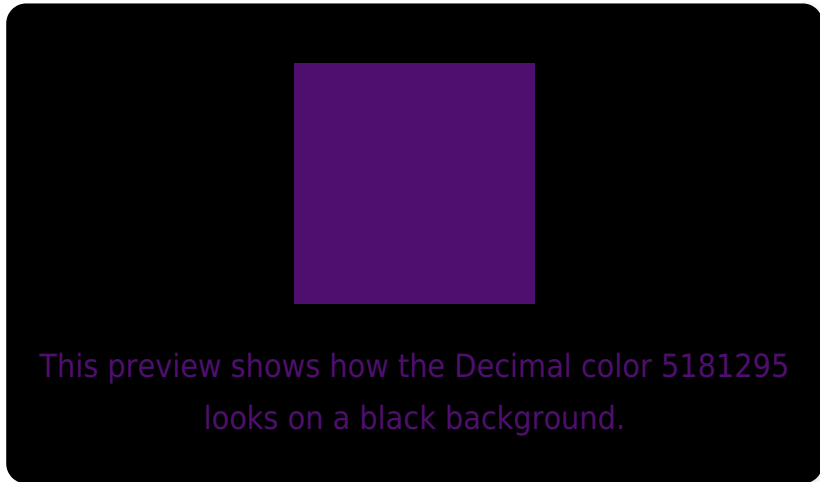
Large Text (above 18pt) WCAG AA ✓ Pass

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

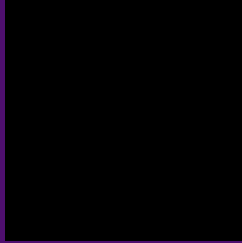
Any Text WCAG AA × Fail

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 5181295 Background



This preview shows how black text looks on a background with the Decimal color 5181295.

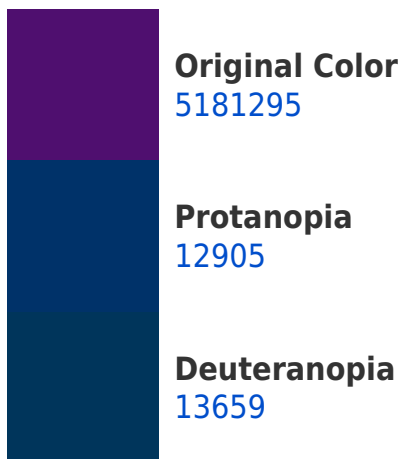


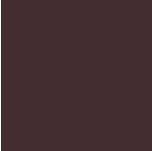
This preview shows how white text looks on a background with the Decimal color 5181295.

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





Tritanopia
4468016

Trichromacy



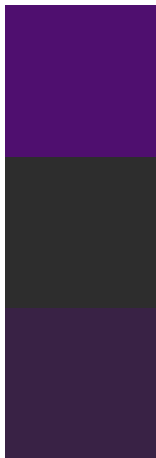
Original Color
5181295

Protanomaly
1910123

Deuteranomaly
1910626

Tritanomaly
4727367

Monochromacy



Original Color
5181295

Achromatopsia
2960685

Achromatomaly
3744325

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5181295 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 #4F0F6F looks like.

```
.text, #text, p{  
    color:#4F0F6F  
}
```

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 #4F0F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0F6F
}
```

Border

The CSS property to change the border of an element to Decimal 5181295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

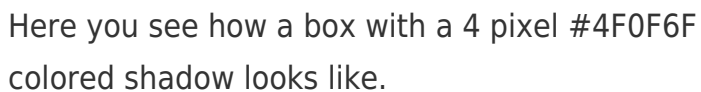
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0F6F }
```

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

```
.border{ border-color:#4F0F6F }
```

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



Here you see how a box with a 4 pixel #4F0F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0F6F; -webkit-box-shadow:4px 4px  
4px 4px #4F0F6F; box-shadow:4px 4px 4px  
4px #4F0F6F }
```

Background

The CSS property to change the background color of an element to Decimal 5181295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0F6F }
```

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

```
.background{ background-color:#4F0F6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor