

Converting Colors

Decimal(4791431)

Have a look what the booklet for
Decimal(4791431) contains.

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Color

Decimal(4791431)

Conversions

Conversions Part 1

Format	Color
Hex	491C87
RGB	73, 28, 135
RGB Percent	29%, 11%, 53%
CMY	0.7137, 0.8902, 0.4706
CMYK	0.46, 0.79, 0.00, 0.47
HSL	265°, 66%, 32%
HSV	265°, 79%, 53%
XYZ	7.5361, 3.9962, 23.2958
YIQ	53.6530, -7.5270, 42.8170

Conversions

Conversions Part 2

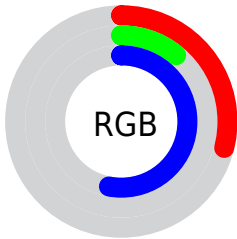
Format	Color
R_{YB}	73, 28, 135
Decimal	4791431
CIE _{Lab}	23.66, 43.86, -51.24
CIE _{LCh}	24, 67.448, 310.560
Yxy	3.9962, 0.2164, 0.1147
Android (android.graphics.Color)	4282981511 (0xFF491C87)
YUV	53.6530, 40.1041, 16.9673
Hunter-Lab	19.9906, 32.3076, -55.0995

Details

The Decimal color **4791431** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5932828**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **8408509**, and **917588** is the 20% darker color. If you saturate the color by 10%, you get **4263559**, and if you desaturate by 10%, it is **5319047**.

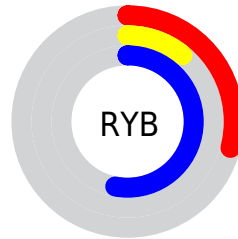
Distribution



Red (29%)

Green (11%)

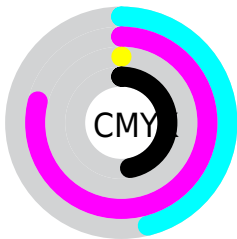
Blue (53%)



Red (29%)

Yellow (11%)

Blue (53%)

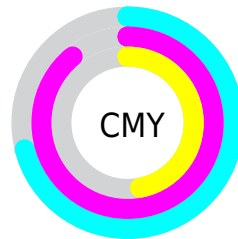


Cyan (46%)

Magenta (79%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4791431 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 4791431 by changing the saturation by 10% instead.



4791431



4791431

16777215



2949229



8408509



917588



10184665



60



12091638



549



13999103



270



15906559



0



16765695



16773119



4791431



4791431

■ 4263559

■ 5319047

■ 3735943

■ 5846919

■ 3735687

■ 6308999

■ 6836871

■ 7364487

■ 7892359

■ 8419975

■ 8947847

■ 9410183

Harmonies

Analogous

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



15263



4791431



8192091

Triad

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



4791431



6301696



19274

Complementary

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



4791431



5932828

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.



18707



4791431



3554304

Square

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



4791431



8257536



17664



19322

Rectangle

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



4791431



8978490



17664



19000

Sweetspot

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



4791431



9930416



1858183



4865881



14277081



5855577

Same Dimension

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



4791431



5179824



8264839



4078658



3604610



65539

Inverse Universe

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



8854618



11536746



2459420



4340800



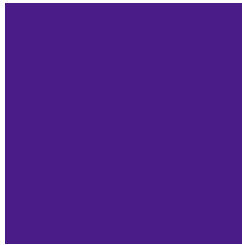
8519755



196609

Previews

White Background



This preview shows how the Decimal color 4791431 looks on a white background.

Color Contrast Check

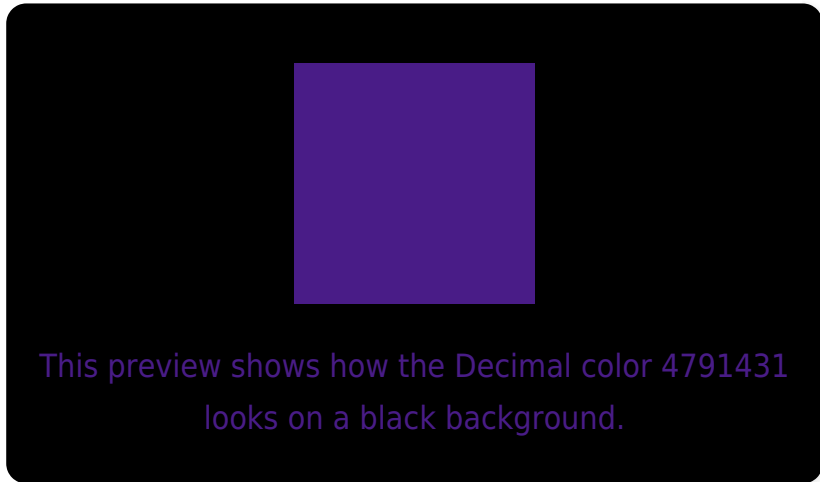
Large Text (above 18pt) WCAG AA ✓ Pass

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

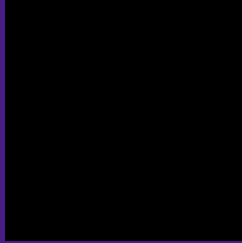
Any Text WCAG AA × Fail

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 4791431 Background



This preview shows how black text looks on a background with the Decimal color 4791431.



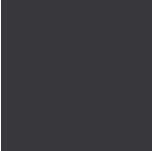
This preview shows how white text looks on a background with the Decimal color 4791431.

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
3619134

Trichromacy



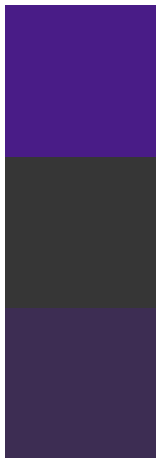
Original Color
4791431

Protanomaly
1781116

Deuteranomaly
1781873

Tritanomaly
4075097

Monochromacy



Original Color
4791431

Achromatopsia
3552822

Achromatomaly
4009299

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4791431 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 #491C87 looks like.

```
.text, #text, p{  
    color:#491C87  
}
```

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 #491C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491C87
}
```

Border

The CSS property to change the border of an element to Decimal 4791431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

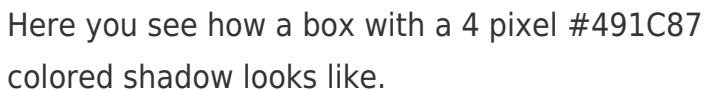
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491C87 }
```

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

```
.border{ border-color:#491C87 }
```

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



Here you see how a box with a 4 pixel #491C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491C87; -webkit-box-shadow:4px 4px  
4px 4px #491C87; box-shadow:4px 4px 4px  
4px #491C87 }
```

Background

The CSS property to change the background color of an element to Decimal 4791431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491C87 }
```

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

```
.background{ background-color:#491C87 }
```

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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