

Converting Colors

Decimal(4796086)

Have a look what the booklet for
Decimal(4796086) contains.

Decimal(4796086)	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(4796086)

Conversions

Conversions Part 1

Format	Color
Hex	492EB6
RGB	73, 46, 182
RGB Percent	29%, 18%, 71%
CMY	0.7137, 0.8196, 0.2863
CMYK	0.60, 0.75, 0.00, 0.29
HSL	252°, 60%, 45%
HSV	252°, 75%, 71%
XYZ	12.1681, 6.7479, 44.9171
YIQ	69.5770, -27.5640, 48.0200

Conversions

Conversions Part 2

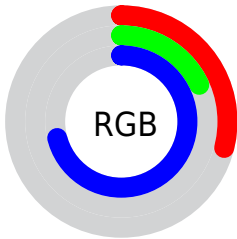
Format	Color
R_{YB}	73, 46, 182
Decimal	4796086
CIE _{Lab}	31.23, 48.44, -67.46
CIE _{LCh}	31, 83.049, 305.680
Yxy	6.7479, 0.1906, 0.1057
Android (android.graphics.Color)	4282986166 (0xFF492EB6)
YUV	69.5770, 55.4245, 3.0020
Hunter-Lab	25.9766, 38.1550, -84.3367

Details

The Decimal color **4796086** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **10204718**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **8740847**, and **128** is the 20% darker color. If you saturate the color by 10%, you get **3808438**, and if you desaturate by 10%, it is **5783734**.

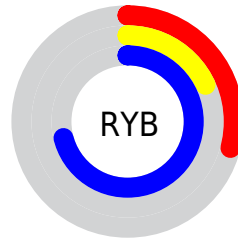
Distribution



Red (29%)

Green (18%)

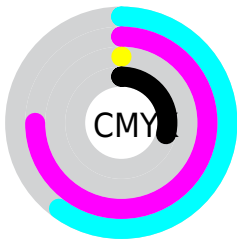
Blue (71%)



Red (29%)

Yellow (18%)

Blue (71%)

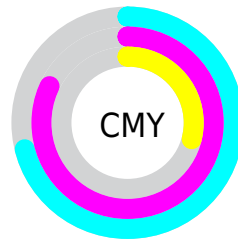


Cyan (60%)

Magenta (75%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (82%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4796086 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 4796086 by changing the saturation by 10% instead.

■ 4796086

■ 4796086

16777215

■ 2495898

■ 8740847

■ 128

■ 10713599

■ 102

■ 12620799

■ 333

■ 14593791

■ 1333

■ 16567039

■ 543

■ 16771071

■ 1

■ 0

■ 4796086

■ 4796086

■ 3808438

■ 5783734

■ 2886326

■ 6705846

■ 2359478

■ 7693750

■ 8615862

■ 9603510

■ 10591158

■ 11513270

■ 12501174

■ 13423286

Harmonies

Analogous

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



20943



4796086



10158209

Triad

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



4796086



8596992



24661

Complementary

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



4796086



10204718

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.



24071



4796086



5262336

Square

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



4796086



10944512



22784



24981

Rectangle

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



4796086



11468886



22784



24638

Sweetspot

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



4796086



12827117



3055030



6248824



16250871



7895160

Same Dimension

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



4796086



4331757



9121462



5526364



2031772



393244

Inverse Universe

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



11939483



15538371



5879342



6050650



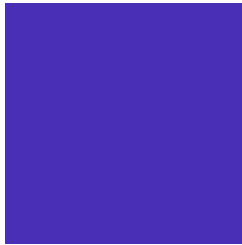
10223741



1835030

Previews

White Background



This preview shows how the Decimal color 4796086 looks on a white background.

Color Contrast Check

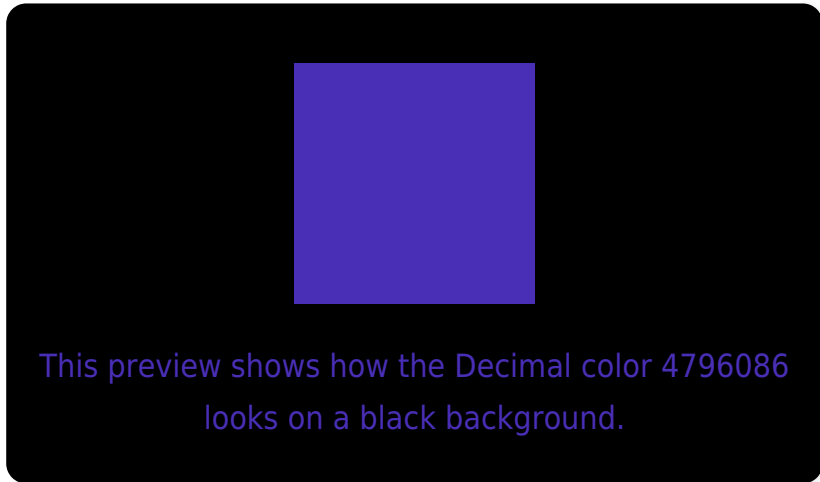
Large Text (above 18pt) WCAG AA ✓ Pass

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

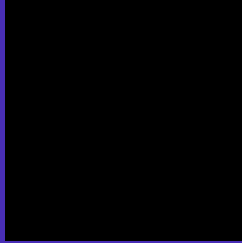
Any Text WCAG AA × Fail

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 4796086 Background



This preview shows how black text looks on a background with the Decimal color 4796086.



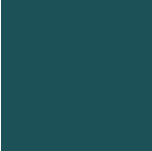
This preview shows how white text looks on a background with the Decimal color 4796086.

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
1855831

Trichromacy



Original Color
4796086

Protanomaly
1785506

Deuteranomaly
1786260

Tritanomaly
2901114

Monochromacy



Original Color
4796086

Achromatopsia
4605510

Achromatomaly
4668783

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4796086 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 #492EB6 looks like.

```
.text, #text, p{  
    color:#492EB6  
}
```

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 #492EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492EB6
}
```

Border

The CSS property to change the border of an element to Decimal 4796086 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
#492EB6 }
```

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

```
.border{ border-color:#492EB6 }
```

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

Here you see how a box with a 4 pixel #492EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492EB6; -webkit-box-shadow:4px 4px  
4px 4px #492EB6; box-shadow:4px 4px 4px  
4px #492EB6 }
```

Background

The CSS property to change the background color of an element to Decimal 4796086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492EB6 }
```

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

```
.background{ background-color:#492EB6 }
```

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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