

Converting Colors

Decimal(5252826)

Have a look what the booklet for
Decimal(5252826) contains.

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Color

Decimal(5252826)

Conversions

Conversions Part 1

Format	Color
Hex	5026DA
RGB	80, 38, 218
RGB Percent	31%, 15%, 85%
CMY	0.6863, 0.8510, 0.1451
CMYK	0.63, 0.83, 0.00, 0.15
HSL	254°, 71%, 50%
HSV	254°, 83%, 85%
XYZ	16.6563, 8.1537, 67.0256
YIQ	71.0780, -32.7480, 64.8840

Conversions

Conversions Part 2

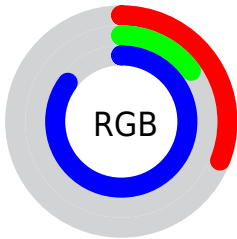
Format	Color
R_{YB}	80, 38, 218
Decimal	5252826
CIE _{Lab}	34.30, 62.99, -83.41
CIE _{LCh}	34, 104.519, 307.059
Yxy	8.1537, 0.1814, 0.0888
Android (android.graphics.Color)	4283442906 (0xFF5026DA)
YUV	71.0780, 72.4325, 7.8246
Hunter-Lab	28.5546, 54.1508, -119.1819

Details

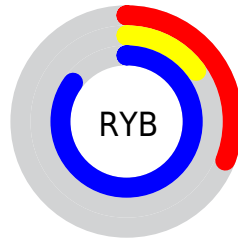
The Decimal color **5252826** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **11590182**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9526271**, and **161** is the 20% darker color. If you saturate the color by 10%, you get **4133082**, and if you desaturate by 10%, it is **6372570**.

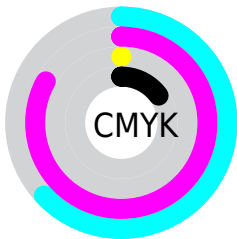
Distribution



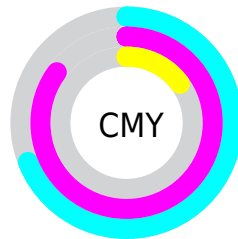
- Red (31%)
- Green (15%)
- Blue (85%)



- Red (31%)
- Yellow (15%)
- Blue (85%)



- Cyan (63%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5252826 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 5252826 by changing the saturation by 10% instead.

■ 5252826

■ 5252826

16777215

■ 2491581

■ 9526271

■ 161

■ 11564543

■ 134

■ 13603071

■ 108

■ 15641855

■ 2898

■ 16763135

■ 1594

■ 16770559

■ 548

■ 11

■ 0

■ 5252826

■ 5252826

■ 4133082

■ 6372570

■ 3342554

■ 7426778

■ 8546266

■ 9666010

■ 10785754

■ 11839962

■ 12959706

■ 14079194

■ 15133402

Harmonies

Analogous

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



23293



5252826



12189844

Triad

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



5252826



9711104



27491

Complementary

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



5252826



11590182

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.



26880



5252826



5395712

Square

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



5252826



12713984



25600



28086

Rectangle

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



5252826



13697117



25600



27206

Sweetspot

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



5252826



13549567



2535642



6445440



0



8421504

Same Dimension

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



5252826



3998719



11151066



6644590



2621613



720942

Inverse Universe

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



14296752



16712644



5691942



7234411



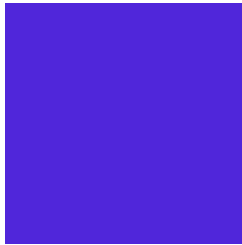
11337861



3014691

Previews

White Background



This preview shows how the Decimal color 5252826 looks on a white background.

Color Contrast Check

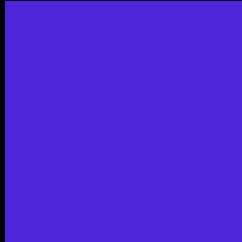
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 5252826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

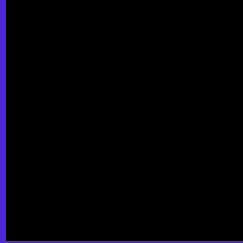
Any Text WCAG AA × Fail

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 5252826 Background



This preview shows how black text looks on a background with the Decimal color 5252826.

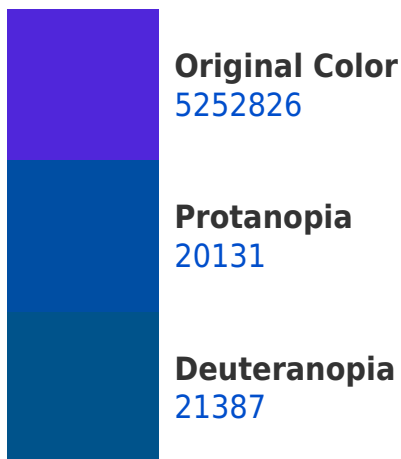


This preview shows how white text looks on a background with the Decimal color 5252826.

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
5252826

Protanomaly
1916855

Deuteranomaly
1917864

Monochromacy



Original Color
5252826

Achromatopsia
4671303

Achromatomaly
4864892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5252826 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 #5026DA looks like.

```
.text, #text, p{  
    color:#5026DA  
}
```

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 #5026DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5026DA
}
```

Border

The CSS property to change the border of an element to Decimal 5252826 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".

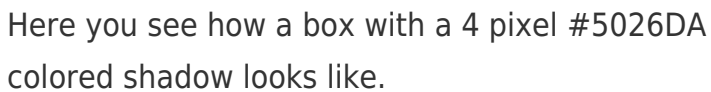
```
.border, #border, table{ border:4px solid
#5026DA }
```

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

```
.border{ border-color:#5026DA }
```

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

Here you see how a box with a 4 pixel #5026DA colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5026DA; -webkit-box-shadow:4px 4px  
4px 4px #5026DA; box-shadow:4px 4px 4px  
4px #5026DA }
```

Background

The CSS property to change the background color of an element to Decimal 5252826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5026DA }
```

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

```
.background{ background-color:#5026DA }
```

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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