

Converting Colors

Decimal(4925910)

Have a look what the booklet for
Decimal(4925910) contains.

Decimal(4925910)	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(4925910)

Conversions

Conversions Part 1

Format	Color
Hex	4B29D6
RGB	75, 41, 214
RGB Percent	29%, 16%, 84%
CMY	0.7059, 0.8392, 0.1608
CMYK	0.65, 0.81, 0.00, 0.16
HSL	252°, 68%, 50%
HSV	252°, 81%, 84%
XYZ	15.8322, 7.9368, 64.3158
YIQ	70.8880, -35.2690, 61.0110

Conversions

Conversions Part 2

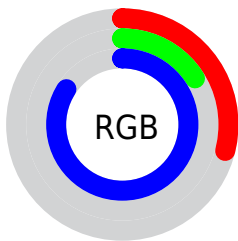
Format	Color
R_{YB}	75, 41, 214
Decimal	4925910
CIE _{Lab}	33.85, 60.23, -81.86
CIE _{LCh}	34, 101.632, 306.347
Yxy	7.9368, 0.1797, 0.0901
Android (android.graphics.Color)	4283115990 (0xFF4B29D6)
YUV	70.8880, 70.5542, 3.6062
Hunter-Lab	28.1723, 51.0115, -115.6354

Details

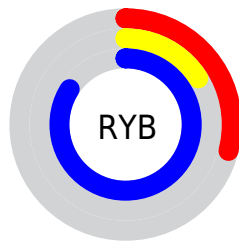
The Decimal color **4925910** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **11851305**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9264639**, and **158** is the 20% darker color. If you saturate the color by 10%, you get **3806422**, and if you desaturate by 10%, it is **6045398**.

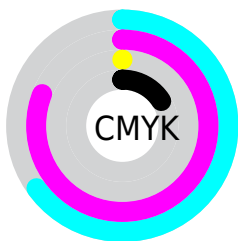
Distribution



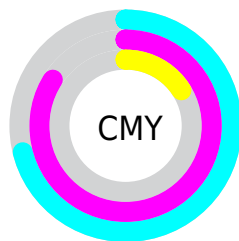
- Red (29%)
- Green (16%)
- Blue (84%)



- Red (29%)
- Yellow (16%)
- Blue (84%)



- Cyan (65%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)





















- Cyan (71%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4925910 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 4925910 by changing the saturation by 10% instead.

 4925910	 4925910
 16777215	 2034618
 9264639	 158
 11302911	 131
 13275903	 104
 15314431	 2639
 16763391	 1335
 16770815	 545
	 6
	 0

■ 4925910

■ 4925910

■ 3806422

■ 6045398

■ 2752726

■ 7165142

■ 8350166

■ 9469910

■ 10589398

■ 11708886

■ 12828630

■ 14013654

■ 15133398

Harmonies

Analogous

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



23031



4925910



11862162

Triad

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



4925910



9645312



27232

Complementary

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



4925910



11851305

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.



26368



4925910



5460736

Square

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



4925910



12517376



25088



27824

Rectangle

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



4925910



13369438



25088



26947

Sweetspot

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



4925910



13550335



2733782



6445952



0



8421504

Same Dimension

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



4925910



3672319



10430934



6447211



2228395



589867

Inverse Universe

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



14035380



16713934



6346281



7037033



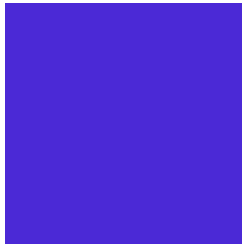
11206793



2818083

Previews

White Background



This preview shows how the Decimal color 4925910 looks on a white background.

Color Contrast Check

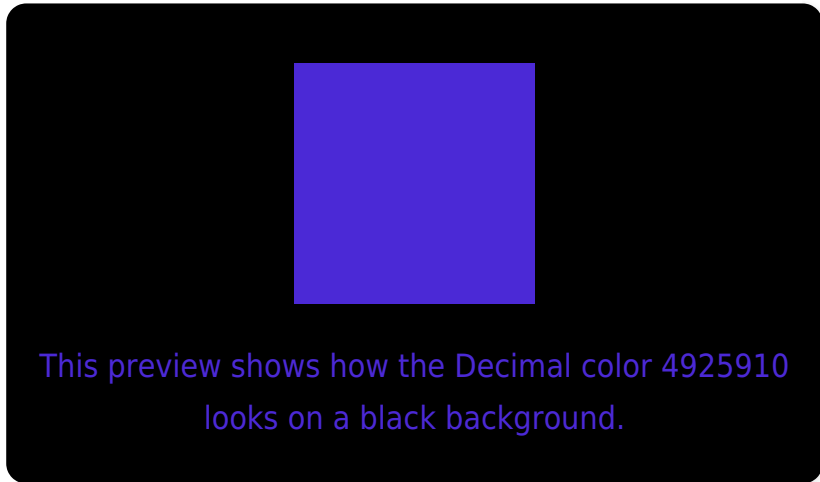
Large Text (above 18pt) WCAG AA ✓ Pass

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

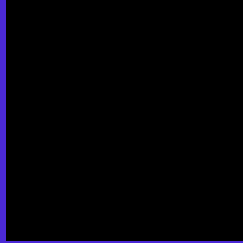
Any Text WCAG AA × Fail

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 4925910 Background



This preview shows how black text looks on a background with the Decimal color 4925910.



This preview shows how white text looks on a background with the Decimal color 4925910.

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
4925910

Protanomaly
1786036

Deuteranomaly
1786789

Tritanomaly
1787786

Monochromacy



Original Color
4925910

Achromatopsia
4671303

Achromatomaly
4734075

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4925910 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 #4B29D6 looks like.

```
.text, #text, p{  
    color:#4B29D6  
}
```

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 #4B29D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B29D6
}
```

Border

The CSS property to change the border of an element to Decimal 4925910 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
#4B29D6 }
```

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

```
.border{ border-color:#4B29D6 }
```

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

Here you see how a box with a 4 pixel #4B29D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B29D6; -webkit-box-shadow:4px 4px  
4px 4px #4B29D6; box-shadow:4px 4px 4px  
4px #4B29D6 }
```

Background

The CSS property to change the background color of an element to Decimal 4925910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B29D6 }
```

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

```
.background{ background-color:#4B29D6 }
```

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