

Converting Colors

Decimal(4992725)

Have a look what the booklet for
Decimal(4992725) contains.

Decimal(4992725)	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(4992725)

Conversions

Conversions Part 1

Format	Color
Hex	4C2ED5
RGB	76, 46, 213
RGB Percent	30%, 18%, 84%
CMY	0.7020, 0.8196, 0.1647
CMYK	0.64, 0.78, 0.00, 0.16
HSL	251°, 67%, 51%
HSV	251°, 78%, 84%
XYZ	15.9677, 8.2946, 63.7102
YIQ	74.0080, -35.7270, 58.2970

Conversions

Conversions Part 2

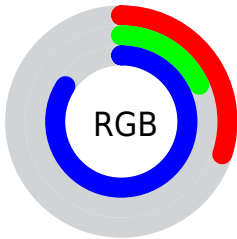
Format	Color
R _Y B	76, 46, 213
Decimal	4992725
CIE Lab	34.59, 57.84, -80.06
CIE LCh	35, 98.764, 305.845
Yxy	8.2946, 0.1815, 0.0943
Android (android.graphics.Color)	4283182805 (0xFF4C2ED5)
YUV	74.0080, 68.5231, 1.7470
Hunter-Lab	28.8003, 48.5650, -110.9973

Details

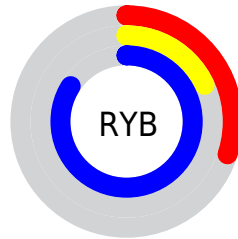
The Decimal color **4992725** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **12047662**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **9265663**, and **157** is the 20% darker color. If you saturate the color by 10%, you get **3873237**, and if you desaturate by 10%, it is **6112213**.

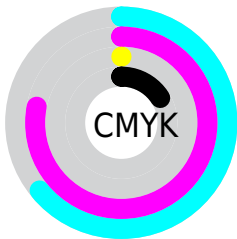
Distribution



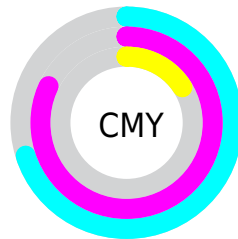
- Red (30%)
- Green (18%)
- Blue (84%)



- Red (30%)
- Yellow (18%)
- Blue (84%)



- Cyan (64%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4992725 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 4992725 by changing the saturation by 10% instead.

4992725

4992725

16777215

2233273

9265663

157

11303935

130

13276927

104

15315455

2638

16764415

1334

16771839

544

4

0

■ 4992725

■ 4992725

■ 3873237

■ 6112213

■ 2687957

■ 7297493

■ 2490581

■ 8416981

■ 9602005

■ 10721749

■ 11906773

■ 13026261

■ 14211285

■ 15331029

Harmonies

Analogous

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



23540



4992725



11731092

Triad

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



4992725



9711360



27488

Complementary

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



4992725



12047662

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



4992725



5723136

Square

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



4992725



12582912



25344



28078

Rectangle

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



4992725



13303904



25344



27460

Sweetspot

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



4992725



13484799



3062229



6380416



0



8421504

Same Dimension

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



4992725



3805183



10301141



6447211



2031787



524331

Inverse Universe

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



13971127



16715732



6739246



7037033



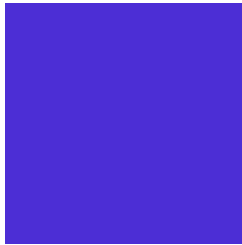
11206796



2818084

Previews

White Background



This preview shows how the Decimal color 4992725 looks on a white background.

Color Contrast Check

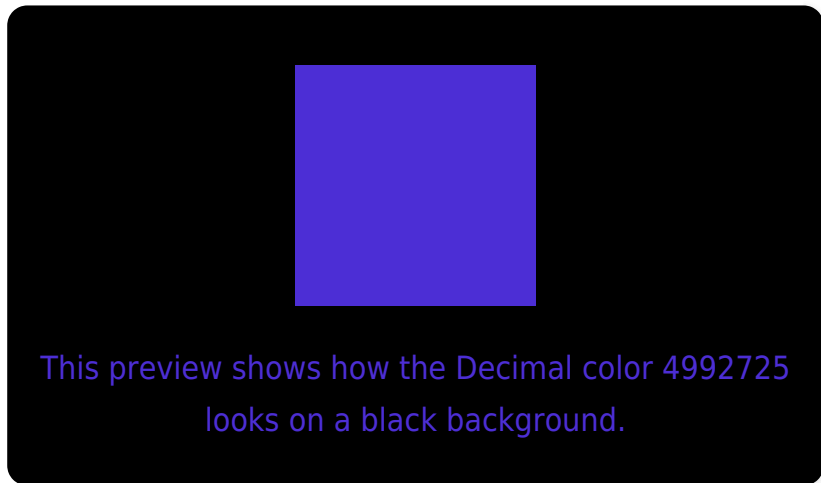
Large Text (above 18pt) WCAG AA ✓ Pass

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

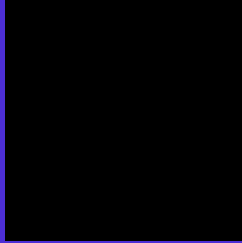
Any Text WCAG AA × Fail

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 4992725 Background



This preview shows how black text looks on a background with the Decimal color 4992725.



This preview shows how white text looks on a background with the Decimal color 4992725.

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
4992725

Protanomaly
1852086

Deuteranomaly
1853095

Tritanomaly
1854091

Monochromacy



Original Color
4992725

Achromatopsia
4868682

Achromatomaly
4931709

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4992725 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 #4C2ED5 looks like.

```
.text, #text, p{  
  color:#4C2ED5  
}
```

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 #4C2ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2ED5
}
```

Border

The CSS property to change the border of an element to Decimal 4992725 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
#4C2ED5 }
```

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

```
.border{ border-color:#4C2ED5 }
```

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

Here you see how a box with a 4 pixel #4C2ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2ED5; -webkit-box-shadow:4px 4px  
4px 4px #4C2ED5; box-shadow:4px 4px 4px  
4px #4C2ED5 }
```

Background

The CSS property to change the background color of an element to Decimal 4992725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2ED5 }
```

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

```
.background{ background-color:#4C2ED5 }
```

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