

Converting Colors

Decimal(7279526)

Have a look what the booklet for
Decimal(7279526) contains.

| | |
|--|----|
| Decimal(7279526) | 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(7279526)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6F13A6 |
| RGB | 111, 19, 166 |
| RGB Percent | 44%, 7%, 65% |
| CMY | 0.5647, 0.9255, 0.3490 |
| CMYK | 0.33, 0.89, 0.00, 0.35 |
| HSL | 278°, 79%, 36% |
| HSV | 278°, 89%, 65% |
| XYZ | 13.6714, 6.5984, 36.6295 |
| YIQ | 63.2660, 7.6450, 65.2210 |

Conversions

Conversions Part 2

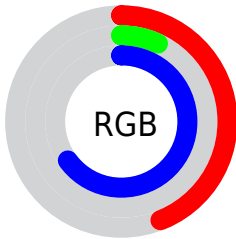
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 19, 166 |
| Decimal | 7279526 |
| CIE _{Lab} | 30.87, 59.93, -58.28 |
| CIE _{LCh} | 31, 83.595, 315.800 |
| Yxy | 6.5984, 0.2403, 0.1160 |
| Android (android.graphics.Color) | 4285469606 (0xFF6F13A6) |
| YUV | 63.2660, 50.6479, 41.8627 |
| Hunter-Lab | 25.6874, 50.0483, -66.5646 |

Details

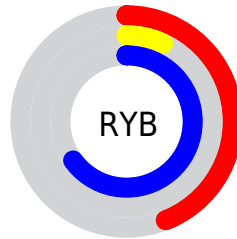
The Decimal color **7279526** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4892179**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **11030494**, and **3539057** is the 20% darker color. If you saturate the color by 10%, you get **6881958**, and if you desaturate by 10%, it is **7677094**.

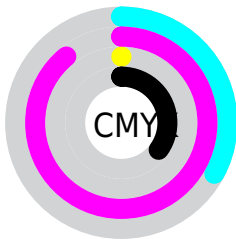
Distribution



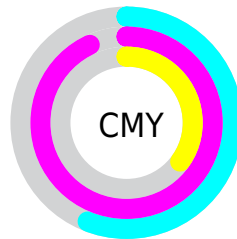
- Red (44%)
- Green (7%)
- Blue (65%)



- Red (44%)
- Yellow (7%)
- Blue (65%)



- Cyan (33%)
- Magenta (89%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7279526 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 7279526 by changing the saturation by 10% instead.

7279526

7279526

16777215

5439627

11030494

3539057

12937979

1769560

14845439

63

16753151

808

16760319

274

16767743

0

16775167

7279526

7279526

6881958

7677094

6815910

8074406

8537510

8934822

9332390

9729958

10127270

10590374

10987686

Harmonies

Analogous

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



18379



7279526



10944619

Triad

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



7279526



7551488



24683

Complementary

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



7279526



4892179

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.



24101



7279526



3756288

Square

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



7279526



10223616



23040



24743

Rectangle

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



7279526



11665472



23040



24404

Sweetspot

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



7279526



12820185



1264550



6376302



15592941



7237230

Same Dimension

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



7279526



8913113



10883989



5327956



6094996



851988

Inverse Universe

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



10883914



14221393



1287716



5524559



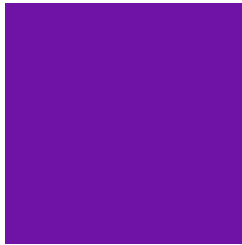
9699383



1310728

Previews

White Background



This preview shows how the Decimal color 7279526 looks on a white background.

Color Contrast Check

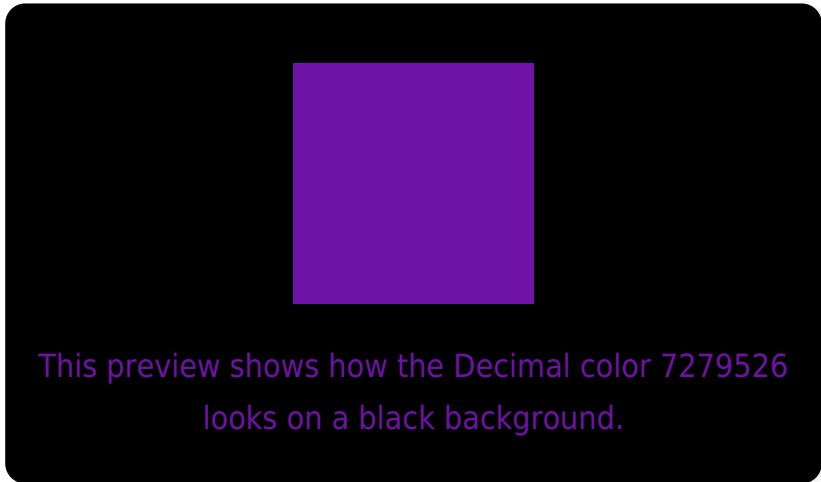
Large Text (above 18pt) WCAG AA ✓ Pass

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

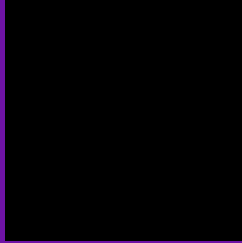
Any Text WCAG AA × Fail

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 7279526 Background



This preview shows how black text looks on a background with the Decimal color 7279526.



This preview shows how white text looks on a background with the Decimal color 7279526.

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
6177608

Trichromacy



Original Color

7279526



Protanomaly

2635164



Deuteranomaly

2635663



Tritanomaly

6566506

Monochromacy



Original Color

7279526



Achromatopsia

4144959



Achromatomaly

5255012

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7279526 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 #6F13A6 looks like.

```
.text, #text, p{  
    color:#6F13A6  
}
```

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 #6F13A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F13A6
}
```

Border

The CSS property to change the border of an element to Decimal 7279526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

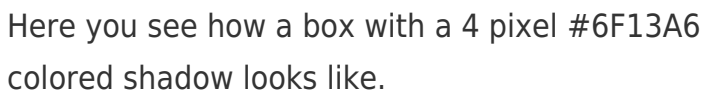
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F13A6 }
```

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

```
.border{ border-color:#6F13A6 }
```

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



Here you see how a box with a 4 pixel #6F13A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F13A6; -webkit-box-shadow:4px 4px  
4px 4px #6F13A6; box-shadow:4px 4px 4px  
4px #6F13A6 }
```

Background

The CSS property to change the background color of an element to Decimal 7279526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F13A6 }
```

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

```
.background{ background-color:#6F13A6 }
```

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