

Converting Colors

Decimal(726166)

Have a look what the booklet for
Decimal(726166) contains.

Decimal(726166)	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(726166)

Conversions

Conversions Part 1

Format	Color
Hex	0B1496
RGB	11, 20, 150
RGB Percent	4%, 8%, 59%
CMY	0.9569, 0.9216, 0.4118
CMYK	0.93, 0.87, 0.00, 0.41
HSL	236°, 86%, 32%
HSV	236°, 93%, 59%
XYZ	5.8932, 2.7735, 29.0789
YIQ	32.1290, -47.0940, 38.5220

Conversions

Conversions Part 2

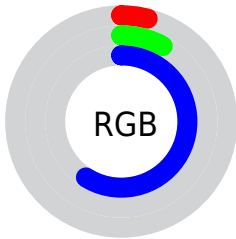
Format	Color
R_{YB}	11, 19, 150
Decimal	726166
CIE _{Lab}	19.11, 46.55, -68.26
CIE _{LCh}	19, 82.618, 304.293
Yxy	2.7735, 0.1561, 0.0735
Android (android.graphics.Color)	4278916246 (0xFF0B1496)
YUV	32.1290, 58.1104, -18.5301
Hunter-Lab	16.6537, 34.0210, -91.8680

Details

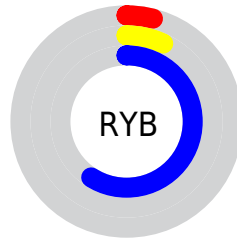
The Decimal color **726166** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9866507**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **5981134**, and **98** is the 20% darker color. If you saturate the color by 10%, you get **2710**, and if you desaturate by 10%, it is **1712790**.

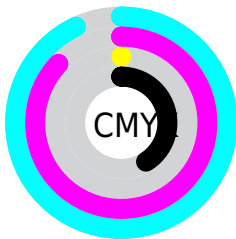
Distribution



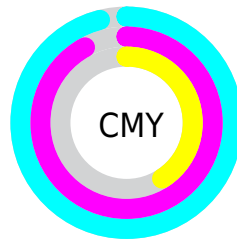
- Red (4%)
- Green (8%)
- Blue (59%)



- Red (4%)
- Yellow (7%)
- Blue (59%)



- Cyan (93%)
- Magenta (87%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (92%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 726166 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 726166 by changing the saturation by 10% instead.

■ 726166 ■ 726166

16777215 ■ 123

■ 5981134 ■ 98

■ 7953642 ■ 2377

■ 9926143 ■ 1073

■ 11898879 ■ 283

■ 13806335 ■ 0

■ 15845119

■ 16769791

■ 726166 ■ 726166

■ 2710

■ 1712790

■ 2699414

■ 3686038

■ 4672662

■ 5659286

■ 6645910

■ 7632534

■ 8619158

■ 9605782

Harmonies

Analogous

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



14509



726166



7733348

Triad

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



726166



6360064



16950

Complementary

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



726166



9866507

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.



16128



726166



3354624

Square

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



726166



8454144



15104



17267

Rectangle

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



726166



8978493



15104



16673

Sweetspot

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



726166



9211842



759437



4211297



14737632



6381921

Same Dimension

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



726166



3522



4656022



4408138



2442



266

Inverse Universe

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



9833236



12713997



5936651



4866883



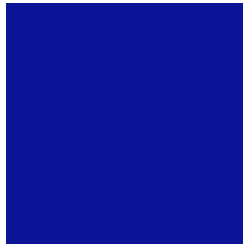
9043977



655361

Previews

White Background



This preview shows how the Decimal color 726166 looks on a white background.

Color Contrast Check

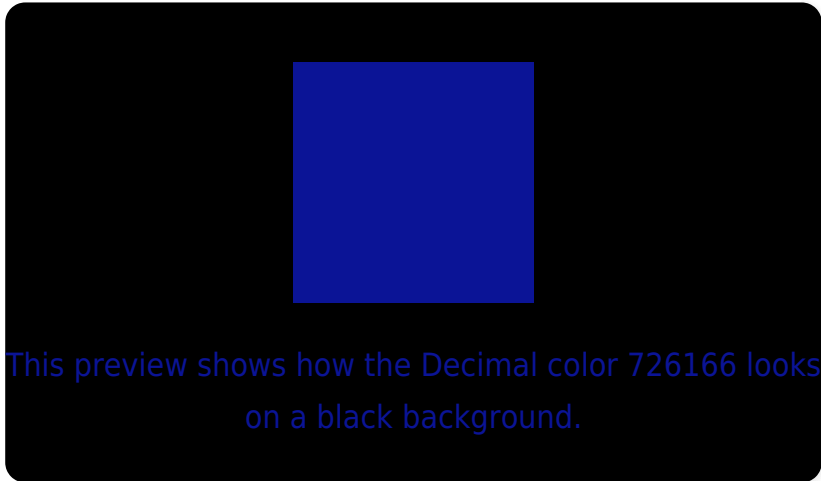
Large Text (above 18pt) WCAG AA ✓ Pass

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

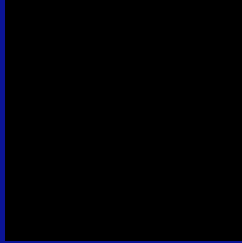
Any Text WCAG AA × Fail

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 726166 Background



This preview shows how black text looks on a background with the Decimal color 726166.



This preview shows how white text looks on a background with the Decimal color 726166.

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



Original Color
726166

Protanopia
11873

Deuteranopia
12626

Trichromacy



Original Color
726166

Protanomaly
271732

Deuteranomaly
271979

Tritanomaly
272730

Monochromacy



Original Color
726166

Achromatopsia
2105376

Achromatomaly
1580107

CSS Examples

Text

The CSS property to change the color of the text to Decimal 726166 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 #0B1496 looks like.

```
.text, #text, p{  
    color:#0B1496  
}
```

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 #0B1496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1496
}
```

Border

The CSS property to change the border of an element to Decimal 726166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

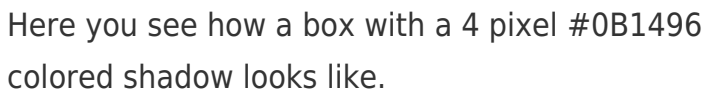
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B1496 }
```

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

```
.border{ border-color:#0B1496 }
```

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



Here you see how a box with a 4 pixel #0B1496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1496; -webkit-box-shadow:4px 4px  
4px 4px #0B1496; box-shadow:4px 4px 4px  
4px #0B1496 }
```

Background

The CSS property to change the background color of an element to Decimal 726166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1496 }
```

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

```
.background{ background-color:#0B1496 }
```

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