

Converting Colors

Decimal(4690)

Have a look what the booklet for
Decimal(4690) contains.

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Color

Decimal(4690)

Conversions

Conversions Part 1

Format	Color
Hex	001252
RGB	0, 18, 82
RGB Percent	0%, 7%, 32%
CMY	1.0000, 0.9294, 0.6784
CMYK	1.00, 0.78, 0.00, 0.68
HSL	227°, 100%, 16%
HSV	227°, 100%, 32%
XYZ	1.7393, 1.0418, 8.0921
YIQ	19.9140, -31.2720, 16.0880

Conversions

Conversions Part 2

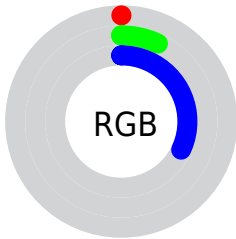
Format	Color
RYB	0, 15, 82
Decimal	4690
CIELab	9.33, 22.56, -40.41
CIELCh	9, 46.276, 299.173
Yxy	1.0418, 0.1600, 0.0958
Android (android.graphics.Color)	4278194770 (0xFF001252)
YUV	19.9140, 30.6084, -17.4646
Hunter-Lab	10.2069, 12.5550, -39.8604

Details

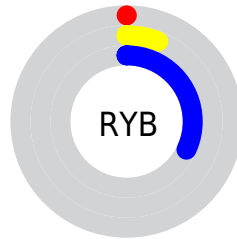
The Decimal color **4690** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **5390336**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **4144260**, and **548** is the 20% darker color. If you saturate the color by 10%, you get **4690**, and if you desaturate by 10%, it is **530514**.

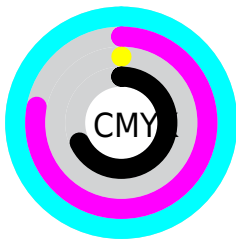
Distribution



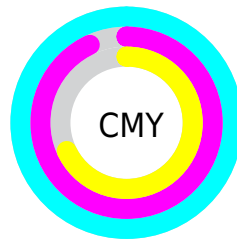
- Red (0%)
- Green (7%)
- Blue (32%)



- Red (0%)
- Yellow (6%)
- Blue (32%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (93%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4690 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 4690 by changing the saturation by 10% instead.

■ 4690 ■ 4690

■ 16773887 ■ 59

■ 4144260 ■ 548

■ 5919647 ■ 12

■ 7629754 ■ 0

■ 9405910

■ 11247603

■ 13089535

■ 14996991

■ 4690

■ 530514

■ 1056594

■ 1647954

■ 2174034

■ 2699858

■ 3225682

■ 3751762

■ 4343122

■ 4869202

Harmonies

Analogous

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



8282



4690



3932219

Triad

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



4690



3802880



10008

Complementary

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



4690



5390336

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.



9728



4690



2300160

Square

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



4690



4784128



8448



10296

Rectangle

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



4690



4718631



8448



9739

Sweetspot

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



4690



4936299



21055



2238262



11908533



3552822

Same Dimension

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



4690



6251



1441874



2434601



5993



13288

Inverse Universe

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



5373970



7012376



3953152



2696486



6881303



15204403

Previews

White Background



This preview shows how the Decimal color 4690 looks on a white background.

Color Contrast Check

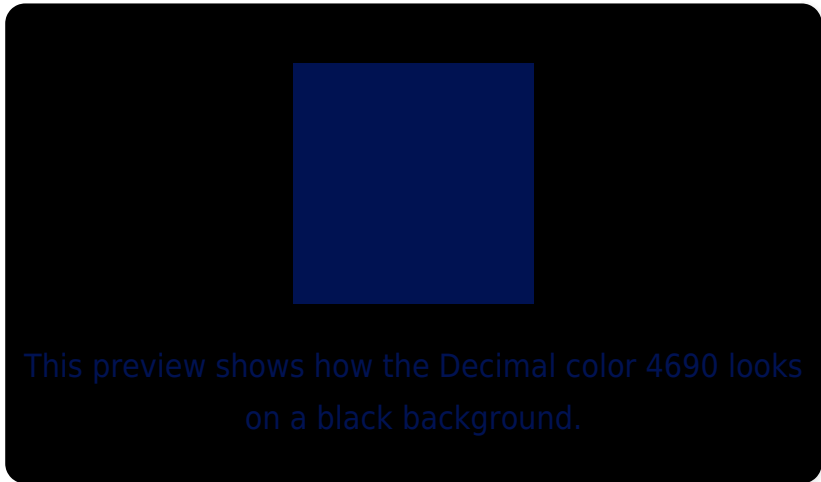
Large Text (above 18pt) WCAG AA ✓ Pass

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

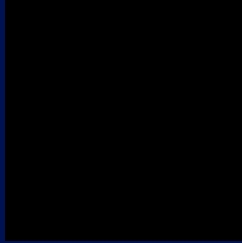
Any Text WCAG AA × Fail

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 4690 Background



This preview shows how black text looks on a background with the Decimal color 4690.



This preview shows how white text looks on a background with the Decimal color 4690.

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
4690

Protanopia
6970

Deuteranopia
7473

Trichromacy



Original Color

4690

Protanomaly

6211

Deuteranomaly

6461

Tritanomaly

6963

Monochromacy



Original Color

4690

Achromatopsia

1315860

Achromatomaly

856875

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4690 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 #001252 looks like.

```
.text, #text, p{  
    color:#001252  
}
```

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 #001252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001252
}
```

Border

The CSS property to change the border of an element to Decimal 4690 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
#001252 }
```

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

```
.border{ border-color:#001252 }
```

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

Here you see how a box with a 4 pixel #001252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001252; -webkit-box-shadow:4px 4px  
4px 4px #001252; box-shadow:4px 4px 4px  
4px #001252 }
```

Background

The CSS property to change the background color of an element to Decimal 4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001252 }
```

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

```
.background{ background-color:#001252 }
```

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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