

Converting Colors

Decimal(3033990)

Have a look what the booklet for
Decimal(3033990) contains.

Decimal(3033990)	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(3033990)

Conversions

Conversions Part 1

Format	Color
Hex	2E4B86
RGB	46, 75, 134
RGB Percent	18%, 29%, 53%
CMY	0.8196, 0.7059, 0.4745
CMYK	0.66, 0.44, 0.00, 0.47
HSL	220°, 49%, 35%
HSV	220°, 66%, 53%
XYZ	7.9459, 7.3342, 23.5511
YIQ	73.0550, -36.2230, 12.2010

Conversions

Conversions Part 2

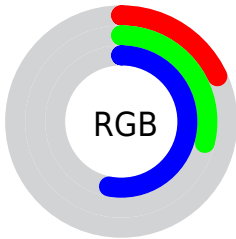
Format	Color
RYB	46, 68, 134
Decimal	3033990
CIELab	32.56, 9.33, -36.34
CIELCh	33, 37.518, 284.406
Yxy	7.3342, 0.2046, 0.1889
Android (android.graphics.Color)	4281224070 (0xFF2E4B86)
YUV	73.0550, 30.0459, -23.7272
Hunter-Lab	27.0818, 4.9793, -32.6031

Details

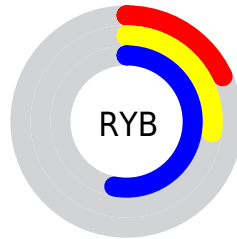
The Decimal color **3033990** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8808750**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **6650812**, and **8276** is the 20% darker color. If you saturate the color by 10%, you get **2179718**, and if you desaturate by 10%, it is **3888262**.

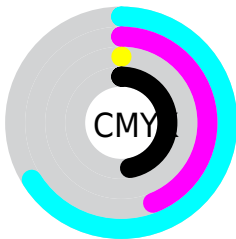
Distribution



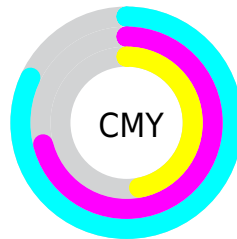
- Red (18%)
- Green (29%)
- Blue (53%)



- Red (18%)
- Yellow (27%)
- Blue (53%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3033990 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 3033990 by changing the saturation by 10% instead.

■ 3033990

■ 3033990

16777215

■ 669036

■ 6650812

■ 8276

■ 8426968

■ 2108

■ 10268916

■ 550

■ 12110847

■ 271

■ 13953023

■ 0

■ 15925247

■ 3033990

■ 3033990

■ 2179718

■ 3888262

■ 1259910

■ 4808070

■ 405638

■ 5662342

■ 11398

■ 6582150

■ 7436422

■ 8290694

■ 9210502

■ 10064774

■ 10984582

Harmonies

Analogous

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



21637



3033990



6307447

Triad

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



3033990



8075812



23100

Complementary

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



3033990



8808750

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.



2971168



3033990



6899216

Square

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



3033990



8532288



5132300



23386

Rectangle

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



3033990



7616103



5132300



22834

Sweetspot

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



3033990



9148077



3049065



4344151



14079702



5723991

Same Dimension

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



3033990



2380461



4009606



3948098



11138



259

Inverse Universe

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



8793675



11347026



7833134



4340798



8519723



196609

Previews

White Background



This preview shows how the Decimal color 3033990 looks on a white background.

Color Contrast Check

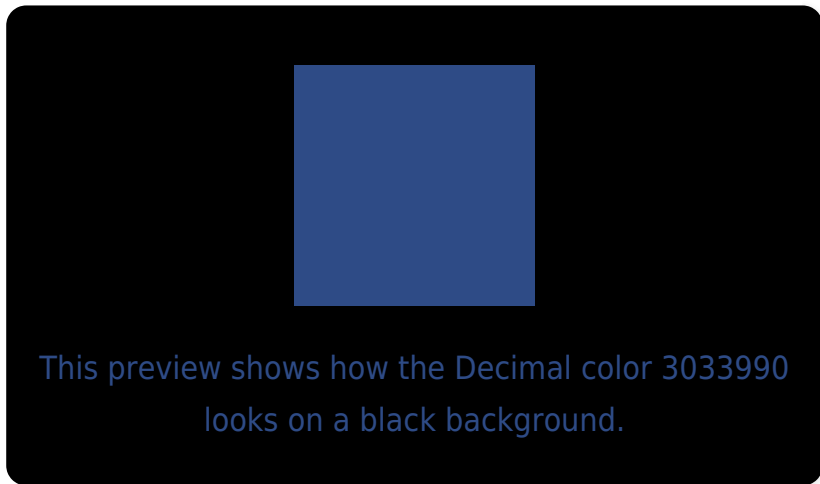
Large Text (above 18pt) WCAG AA ✓ Pass

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

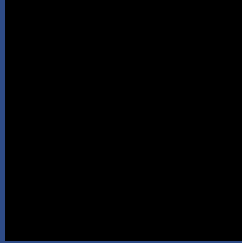
Any Text WCAG AA × Fail

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 3033990 Background



This preview shows how black text looks on a background with the Decimal color 3033990.



This preview shows how white text looks on a background with the Decimal color 3033990.

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
3033990

Protanopia
3295877

Deuteranopia
1920389

Trichromacy



Original Color
3033990

Protanomaly
3230341

Deuteranomaly
2313349

Tritanomaly
1855851

Monochromacy



Original Color
3033990

Achromatopsia
4802889

Achromatomaly
4147807

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3033990 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 #2E4B86 looks like.

```
.text, #text, p{  
    color:#2E4B86  
}
```

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 #2E4B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4B86
}
```

Border

The CSS property to change the border of an element to Decimal 3033990 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
#2E4B86 }
```

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

```
.border{ border-color:#2E4B86 }
```

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

Here you see how a box with a 4 pixel #2E4B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4B86; -webkit-box-shadow:4px 4px  
4px 4px #2E4B86; box-shadow:4px 4px 4px  
4px #2E4B86 }
```

Background

The CSS property to change the background color of an element to Decimal 3033990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4B86 }
```

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

```
.background{ background-color:#2E4B86 }
```

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