

Converting Colors

Decimal(3744)

Have a look what the booklet for
Decimal(3744) contains.

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Color

Decimal(3744)

Conversions

Conversions Part 1

Format	Color
Hex	000EA0
RGB	0, 14, 160
RGB Percent	0%, 5%, 63%
CMY	1.0000, 0.9451, 0.3725
CMYK	1.00, 0.91, 0.00, 0.37
HSL	235°, 100%, 31%
HSV	235°, 100%, 63%
XYZ	6.5022, 2.8521, 33.4655
YIQ	26.4580, -55.2100, 42.4380

Conversions

Conversions Part 2

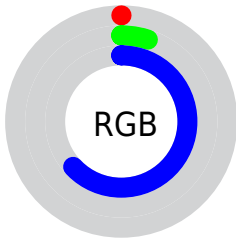
Format	Color
RYB	0, 13, 160
Decimal	3744
CIELab	19.44, 51.73, -73.87
CIElCh	19, 90.176, 305.003
Yxy	2.8521, 0.1519, 0.0666
Android (android.graphics.Color)	4278193824 (0xFF000EA0)
YUV	26.4580, 65.8362, -23.2037
Hunter-Lab	16.8883, 39.1702, -105.6662

Details

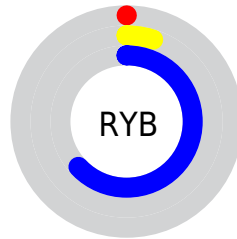
The Decimal color **3744** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10523136**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **6045912**, and **107** is the 20% darker color. If you saturate the color by 10%, you get **3744**, and if you desaturate by 10%, it is **1056160**.

Distribution



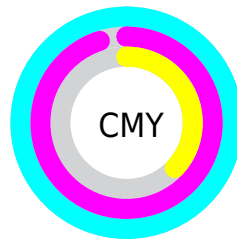
- Red (0%)
- Green (5%)
- Blue (63%)



- Red (0%)
- Yellow (5%)
- Blue (63%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (95%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3744 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 3744 by changing the saturation by 10% instead.

■ 3744 ■ 3744

■ 16776703 ■ 133

■ 6045912 ■ 107

■ 8083957 ■ 1617

■ 10121983 ■ 1337

■ 12094975 ■ 547

■ 14067967 ■ 10

■ 16040959 ■ 0

■ 16769279

■ 3744

■ 1056160

■ 2108320

■ 3160736

■ 4212896

■ 5265312

■ 6317728

■ 7369888

■ 8422304

■ 9474464

Harmonies

Analogous

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



15034



3744



8257641

Triad

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



3744



6555392



17209

Complementary

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



3744



10523136

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.



16640



3744



3223808

Square

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



3744



8847360



15360



17788

Rectangle

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



3744



9568317



15360



16930

Sweetspot

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



3744



9607377



41104



4408937



15263976



6908265

Same Dimension

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



3744



4817



4194464



4671567



3215



271

Inverse Universe

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



10485774



13697042



6332416



5195592



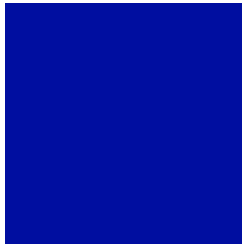
9371660



983041

Previews

White Background



This preview shows how the Decimal color 3744 looks on a white background.

Color Contrast Check

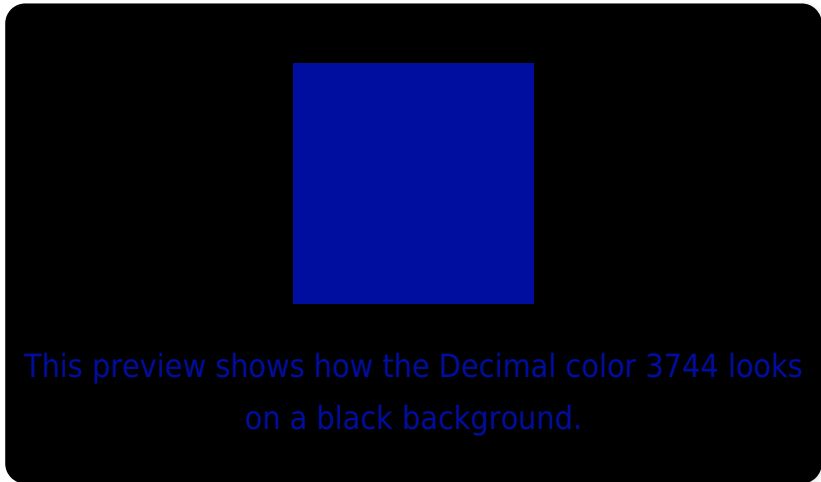
Large Text (above 18pt) WCAG AA ✓ Pass

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

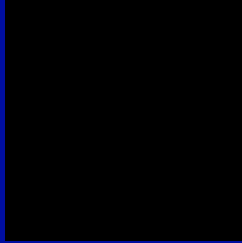
Any Text WCAG AA × Fail

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 3744 Background



This preview shows how black text looks on a background with the Decimal color 3744.

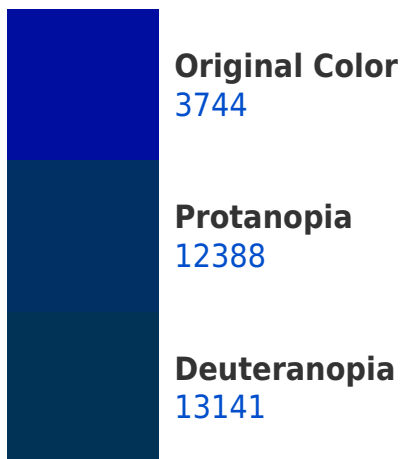


This preview shows how white text looks on a background with the Decimal color 3744.

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
14137

Trichromacy



Original Color
3744

Protanomaly
9338

Deuteranomaly
9840

Tritanomaly
10334

Monochromacy



Original Color
3744

Achromatopsia
1710618

Achromatomaly
1119819

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3744 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 #000EA0 looks like.

```
.text, #text, p{  
    color:#000EA0  
}
```

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 #000EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000EA0
}
```

Border

The CSS property to change the border of an element to Decimal 3744 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
#000EA0 }
```

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

```
.border{ border-color:#000EA0 }
```

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

Here you see how a box with a 4 pixel #000EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000EA0; -webkit-box-shadow:4px 4px  
4px 4px #000EA0; box-shadow:4px 4px 4px  
4px #000EA0 }
```

Background

The CSS property to change the background color of an element to Decimal 3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000EA0 }
```

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

```
.background{ background-color:#000EA0 }
```

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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