

Converting Colors

Decimal(12404)

Have a look what the booklet for
Decimal(12404) contains.

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Color

Decimal(12404)

Conversions

Conversions Part 1

Format	Color
Hex	003074
RGB	0, 48, 116
RGB Percent	0%, 19%, 45%
CMY	1.0000, 0.8118, 0.5451
CMYK	1.00, 0.59, 0.00, 0.55
HSL	215°, 100%, 23%
HSV	215°, 100%, 45%
XYZ	4.2093, 3.3749, 16.9526
YIQ	41.4000, -50.4360, 10.9720

Conversions

Conversions Part 2

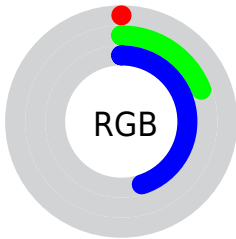
Format	Color
RYB	0, 34, 116
Decimal	12404
CIELab	21.49, 15.32, -42.96
CIELCh	21, 45.612, 289.626
Yxy	3.3749, 0.1716, 0.1375
Android (android.graphics.Color)	4278202484 (0xFF003074)
YUV	41.4000, 36.7778, -36.3078
Hunter-Lab	18.3708, 8.7512, -41.8532

Details

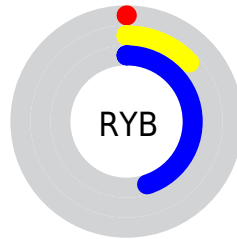
The Decimal color **12404** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7619584**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **4808105**, and **323** is the 20% darker color. If you saturate the color by 10%, you get **12404**, and if you desaturate by 10%, it is **800628**.

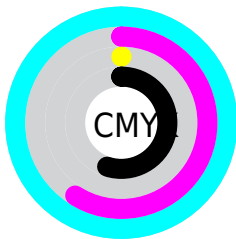
Distribution



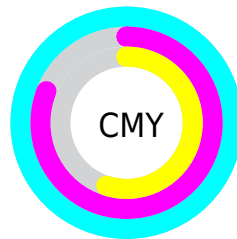
- Red (0%)
- Green (19%)
- Blue (45%)



- Red (0%)
- Yellow (13%)
- Blue (45%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12404 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 12404 by changing the saturation by 10% instead.

■ 12404 ■ 12404

16777215 ■ 7259

■ 4808105 ■ 323

■ 6649540 ■ 812

■ 8490976 ■ 278

■ 10332925 ■ 0

■ 12174847

■ 14082559

■ 15990271

■ 12404

■ 800628

■ 1523316

■ 2311284

■ 3033972

■ 3822196

■ 4610420

■ 5333108

■ 6121076

■ 6843764

Harmonies

Analogous

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



15223



12404



5184864

Triad

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



12404



6364160



16678

Complementary

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



12404



7619584

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.



15872



12404



4861440

Square

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



12404



7078687



2898176



16969

Rectangle

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



12404



6425420



2898176



16410

Sweetspot

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



12404



6913174



29764



3226701



13421772



5066061

Same Dimension

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



12404



16022



655476



3487547



13178



26618

Inverse Universe

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



7602224



9830462



6976512



3880247



7995443



16384103

Previews

White Background



This preview shows how the Decimal color 12404 looks on a white background.

Color Contrast Check

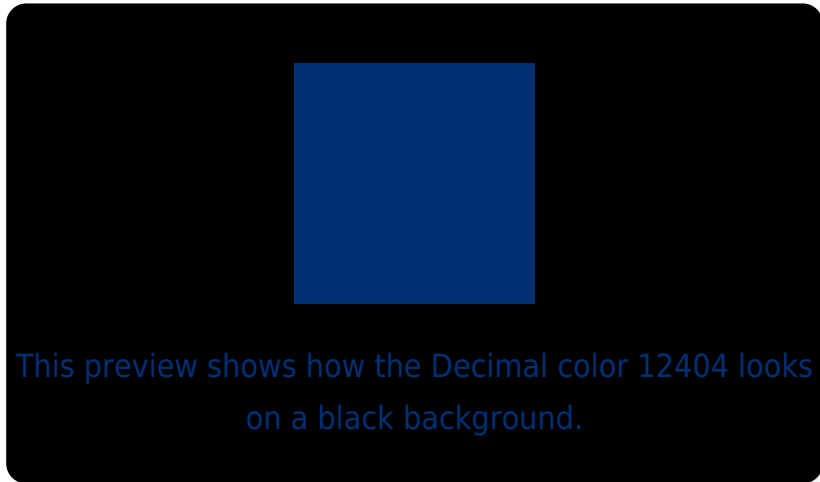
Large Text (above 18pt) WCAG AA ✓ Pass

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

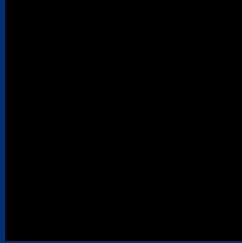
Any Text WCAG AA × Fail

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 12404 Background



This preview shows how black text looks on a background with the Decimal color 12404.



This preview shows how white text looks on a background with the Decimal color 12404.

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

12404

Protanopia

12907

Deuteranopia

13916



Tritanopia
14910

Trichromacy



Original Color
12404

Protanomaly
12654

Deuteranomaly
13413

Tritanomaly
13906

Monochromacy



Original Color
12404

Achromatopsia
2697513

Achromatomaly
1715268

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12404 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 #003074 looks like.

```
.text, #text, p{  
    color:#003074  
}
```

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 #003074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003074
}
```

Border

The CSS property to change the border of an element to Decimal 12404 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
#003074 }
```

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

```
.border{ border-color:#003074 }
```

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

Here you see how a box with a 4 pixel #003074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003074; -webkit-box-shadow:4px 4px  
4px 4px #003074; box-shadow:4px 4px 4px  
4px #003074 }
```

Background

The CSS property to change the background color of an element to Decimal 12404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003074 }
```

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

```
.background{ background-color:#003074 }
```

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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