

Converting Colors

Decimal(11864)

Have a look what the booklet for
Decimal(11864) contains.

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Color

Decimal(11864)

Conversions

Conversions Part 1

Format	Color
Hex	002E58
RGB	0, 46, 88
RGB Percent	0%, 18%, 35%
CMY	1.0000, 0.8196, 0.6549
CMYK	1.00, 0.48, 0.00, 0.65
HSL	209°, 100%, 17%
HSV	209°, 100%, 35%
XYZ	2.7384, 2.6586, 9.6013
YIQ	37.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

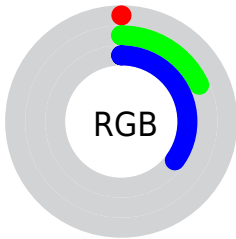
Format	Color
RYB	0, 30, 88
Decimal	11864
CIELab	18.62, 4.05, -29.33
CIElCh	19, 29.607, 277.869
Yxy	2.6586, 0.1826, 0.1773
Android (android.graphics.Color)	4278201944 (0xFF002E58)
YUV	37.0340, 25.1262, -32.4788
Hunter-Lab	16.3051, 1.4451, -23.4996

Details

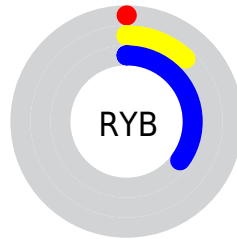
The Decimal color **11864** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5777920**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **4152202**, and **810** is the 20% darker color. If you saturate the color by 10%, you get **11864**, and if you desaturate by 10%, it is **602712**.

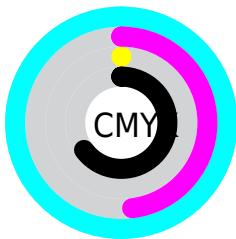
Distribution



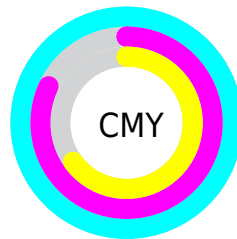
- Red (0%)
- Green (18%)
- Blue (35%)



- Red (0%)
- Yellow (12%)
- Blue (35%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11864 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 11864 by changing the saturation by 10% instead.

■ 11864 ■ 11864

16777215 ■ 6720

■ 4152202 ■ 810

■ 5928101 ■ 276

■ 7638464 ■ 0

■ 9414876

■ 11191289

■ 13033471

■ 14941183

■ 11864

■ 602712

■ 1193560

■ 1719128

■ 2309976

■ 2900824

■ 3491672

■ 4082520

■ 4608088

■ 5198936

Harmonies

Analogous

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



13397



11864



3482959

Triad

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



11864



5250324



13852

Complementary

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



11864



5777920

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.



1848071



11864



4531712

Square

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



11864



5511209



3354112



14131

Rectangle

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



11864



4595268



3354112



144917

Sweetspot

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



11864



5268083



22569



2502971



12237498



3881787

Same Dimension

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



11864



15475



856



2566443



14443



31723

Inverse Universe

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



5767214



7536700



5788928



2828073



7012408



15401083

Previews

White Background



This preview shows how the Decimal color 11864 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

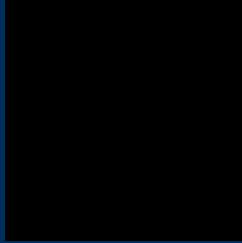
Any Text WCAG AA × Fail

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 11864 Background



This preview shows how black text looks on a background with the Decimal color 11864.



This preview shows how white text looks on a background with the Decimal color 11864.

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
13111

Trichromacy



Original Color

11864

Protanomaly

994647

Deuteranomaly

12117

Tritanomaly

12611

Monochromacy



Original Color

11864

Achromatopsia

2434341

Achromatomaly

1583160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11864 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 #002E58 looks like.

```
.text, #text, p{  
    color:#002E58  
}
```

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 #002E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E58
}
```

Border

The CSS property to change the border of an element to Decimal 11864 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
#002E58 }
```

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

```
.border{ border-color:#002E58 }
```

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

Here you see how a box with a 4 pixel #002E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E58; -webkit-box-shadow:4px 4px  
4px 4px #002E58; box-shadow:4px 4px 4px  
4px #002E58 }
```

Background

The CSS property to change the background color of an element to Decimal 11864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E58 }
```

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

```
.background{ background-color:#002E58 }
```

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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