

Converting Colors

Decimal(1842)

Have a look what the booklet for
Decimal(1842) contains.

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Color

Decimal(1842)

Conversions

Conversions Part 1

Format	Color
Hex	000732
RGB	0, 7, 50
RGB Percent	0%, 3%, 20%
CMY	1.0000, 0.9725, 0.8039
CMYK	1.00, 0.86, 0.00, 0.80
HSL	232°, 100%, 10%
HSV	232°, 100%, 20%
XYZ	0.6517, 0.3822, 3.0570
YIQ	9.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

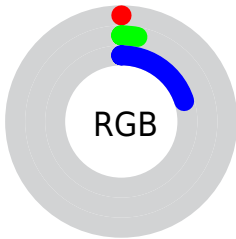
Format	Color
RYB	0, 6, 50
Decimal	1842
CIELab	3.45, 11.81, -27.25
CIELCh	3, 29.698, 293.440
Yxy	0.3822, 0.1593, 0.0934
Android (android.graphics.Color)	4278191922 (0xFF000732)
YUV	9.8090, 19.8142, -8.6025
Hunter-Lab	6.1826, 7.9959, -24.9886

Details

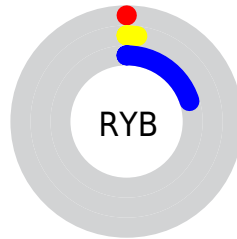
The Decimal color **1842** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3287808**, and the grayscale version is **657930**.

A 20% lighter version of the original color is **3159137**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1842**, and if you desaturate by 10%, it is **330546**.

Distribution



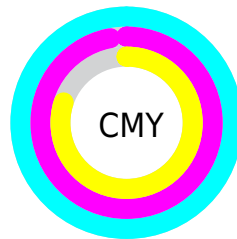
- Red (0%)
- Green (3%)
- Blue (20%)



- Red (0%)
- Yellow (2%)
- Blue (20%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1842 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 1842 by changing the saturation by 10% instead.



1842



1842



15329279



540



3159137



0



4737914



6382228



8092590



9803210



11579622



13421567



1842

■ 330546

■ 659506

■ 988210

■ 1316914

■ 1645874

■ 1974578

■ 2303282

■ 2631986

■ 2960946

Harmonies

Analogous

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



4661



1842



2228262

Triad

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



1842



2555904



5124

Complementary

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



1842



3287808

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.



5120



1842



1509632

Square

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



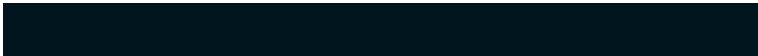
1842



3080192



4864



5406

Rectangle

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



1842



2818074



4864



5120

Sweetspot

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



1842



2961216



12842



1382177



10592673



2171169

Same Dimension

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



1842



2368



1114162



1513242



3161



7897

Inverse Universe

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



3276807



4194313



2175488



1709847



5832716



14221342

Previews

White Background



This preview shows how the Decimal color 1842 looks on a white background.

Color Contrast Check

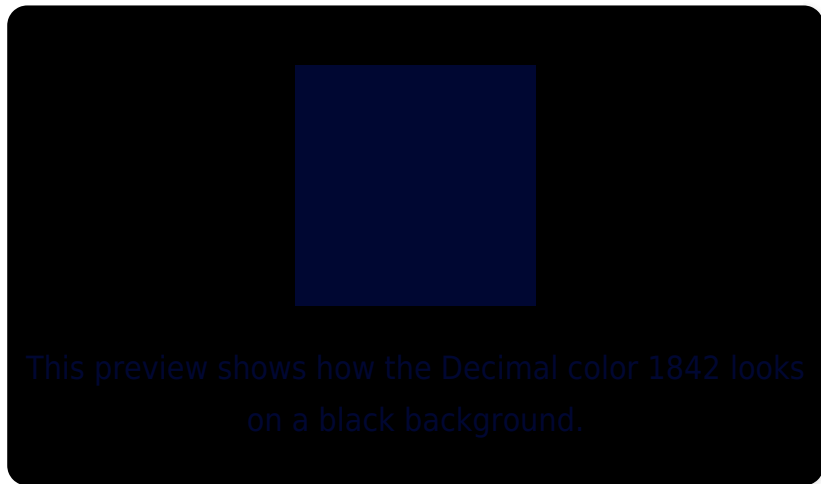
Large Text (above 18pt) WCAG AA ✓ Pass

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

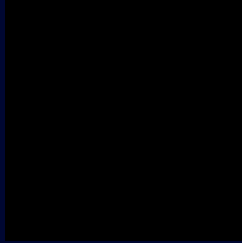
Any Text WCAG AA × Fail

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 1842 Background



This preview shows how black text looks on a background with the Decimal color 1842.



This preview shows how white text looks on a background with the Decimal color 1842.

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
1842

Protanopia
3872

Tritanopia
4627

Trichromacy



Original Color
1842

Protanomaly
3111

Tritanomaly
3614

Monochromacy



Original Color
1842

Achromatopsia
657930

Achromatomaly
395545

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1842 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 #000732 looks like.

```
.text, #text, p{  
    color:#000732  
}
```

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 #000732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000732
}
```

Border

The CSS property to change the border of an element to Decimal 1842 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
#000732 }
```

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

```
.border{ border-color:#000732 }
```

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

Here you see how a box with a 4 pixel #000732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000732; -webkit-box-shadow:4px 4px  
4px 4px #000732; box-shadow:4px 4px 4px  
4px #000732 }
```

Background

The CSS property to change the background color of an element to Decimal 1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000732 }
```

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

```
.background{ background-color:#000732 }
```

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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