

Converting Colors

Decimal(2122)

Have a look what the booklet for
Decimal(2122) contains.

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Color

Decimal(2122)

Conversions

Conversions Part 1

Format	Color
Hex	00084A
RGB	0, 8, 74
RGB Percent	0%, 3%, 29%
CMY	1.0000, 0.9686, 0.7098
CMYK	1.00, 0.89, 0.00, 0.71
HSL	234°, 100%, 15%
HSV	234°, 100%, 29%
XYZ	1.3229, 0.6681, 6.5378
YIQ	13.1320, -25.9540, 18.8300

Conversions

Conversions Part 2

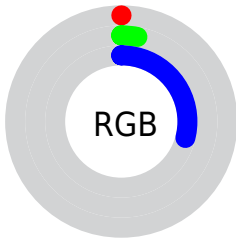
Format	Color
RYB	0, 7, 74
Decimal	2122
CIELab	6.03, 25.29, -40.33
CIELCh	6, 47.602, 302.098
Yxy	0.6681, 0.1551, 0.0783
Android (android.graphics.Color)	4278192202 (0xFF00084A)
YUV	13.1320, 30.0079, -11.5168
Hunter-Lab	8.1736, 14.5857, -41.7026

Details

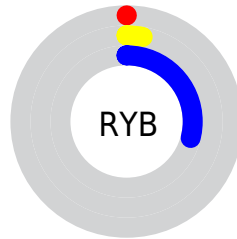
The Decimal color **2122** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4866560**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **4010876**, and **541** is the 20% darker color. If you saturate the color by 10%, you get **2122**, and if you desaturate by 10%, it is **462666**.

Distribution



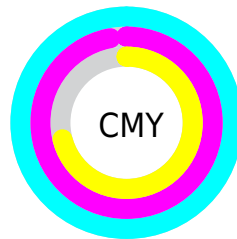
- Red (0%)
- Green (3%)
- Blue (29%)



- Red (0%)
- Yellow (3%)
- Blue (29%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (97%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2122 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 2122 by changing the saturation by 10% instead.

■ 2122 ■ 2122

■ 16639743 ■ 51

■ 4010876 ■ 541

■ 5720470 ■ 0

■ 7430577

■ 9206477

■ 11048169

■ 12890111

■ 14732031

■ 2122

■ 462666

■ 988490

■ 1449034

■ 1974858

■ 2435402

■ 2895946

■ 3421770

■ 3882314

■ 4408138

Harmonies

Analogous

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



6484



2122



3604529

Triad

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



2122



3146240



7701

Complementary

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



2122



4866560

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.



7424



2122



1577984

Square

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



2122



4194304



7424



7989

Rectangle

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



2122



4325405



7424



7685

Sweetspot

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



2122



4474721



19009



2040112



11579568



3158064

Same Dimension

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



2122



2657



1835082



2237222



2918



6630

Inverse Universe

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



4849672



6357002



3033600



2499107



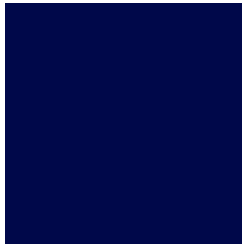
6684683



15073305

Previews

White Background



This preview shows how the Decimal color 2122 looks on a white background.

Color Contrast Check

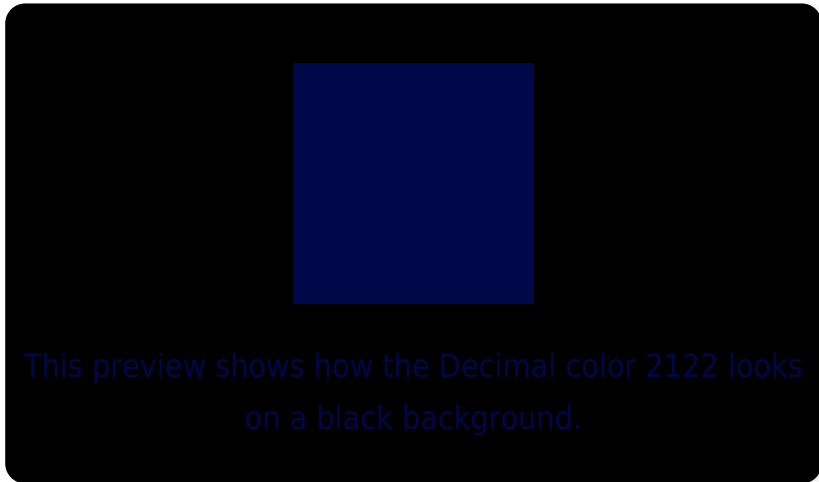
Large Text (above 18pt) WCAG AA ✓ Pass

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

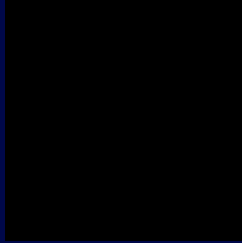
Any Text WCAG AA × Fail

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 2122 Background



This preview shows how black text looks on a background with the Decimal color 2122.



This preview shows how white text looks on a background with the Decimal color 2122.

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
2122

Protanopia
5679

Deuteranopia
6184

Trichromacy



Original Color

2122

Protanomaly

4409

Deuteranomaly

4660

Tritanomaly

4908

Monochromacy



Original Color

2122

Achromatopsia

855309

Achromatomaly

527139

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2122 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 #00084A looks like.

```
.text, #text, p{  
    color:#00084A  
}
```

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 #00084A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00084A
}
```

Border

The CSS property to change the border of an element to Decimal 2122 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
#00084A }
```

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

```
.border{ border-color:#00084A }
```

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

Here you see how a box with a 4 pixel #00084A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00084A; -webkit-box-shadow:4px 4px  
4px 4px #00084A; box-shadow:4px 4px 4px  
4px #00084A }
```

Background

The CSS property to change the background color of an element to Decimal 2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00084A }
```

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

```
.background{ background-color:#00084A }
```

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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