

Converting Colors

Decimal(6242)

Have a look what the booklet for
Decimal(6242) contains.

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Color

Decimal(6242)

Conversions

Conversions Part 1

Format	Color
Hex	001862
RGB	0, 24, 98
RGB Percent	0%, 9%, 38%
CMY	1.0000, 0.9059, 0.6157
CMYK	1.00, 0.76, 0.00, 0.62
HSL	225°, 100%, 19%
HSV	225°, 100%, 38%
XYZ	2.5312, 1.5351, 11.7182
YIQ	25.2600, -38.0580, 17.9260

Conversions

Conversions Part 2

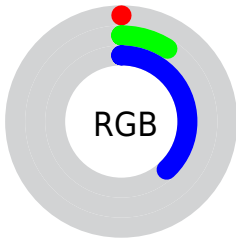
Format	Color
RYB	0, 19, 98
Decimal	6242
CIELab	12.83, 25.05, -45.43
CIELCh	13, 51.875, 298.873
Yxy	1.5351, 0.1604, 0.0973
Android (android.graphics.Color)	4278196322 (0xFF001862)
YUV	25.2600, 35.8608, -22.1530
Hunter-Lab	12.3900, 14.7847, -47.4023

Details

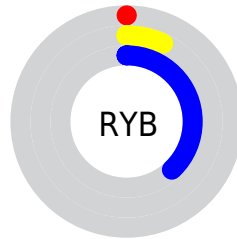
The Decimal color **6242** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6441472**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **4539286**, and **1074** is the 20% darker color. If you saturate the color by 10%, you get **6242**, and if you desaturate by 10%, it is **663394**.

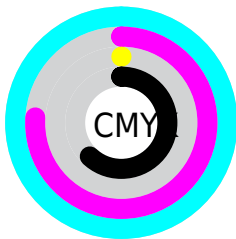
Distribution



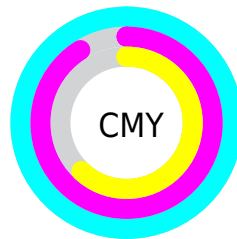
- Red (0%)
- Green (9%)
- Blue (38%)



- Red (0%)
- Yellow (7%)
- Blue (38%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (91%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6242 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 6242 by changing the saturation by 10% instead.

■ 6242 ■ 6242

■ 16776191 ■ 74

■ 4539286 ■ 1074

■ 6314673 ■ 540

■ 8090573 ■ 0

■ 9932265

■ 11773951

■ 13681407

■ 15589119

■ 6242

■ 663394

■ 1320802

■ 1912418

■ 2569826

■ 3226978

■ 3884130

■ 4541538

■ 5133154

■ 5790562

Harmonies

Analogous

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



10347



6242



4718663

Triad

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



6242



4590336



12063

Complementary

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



6242



6441472

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.



11520



6242



2891776

Square

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



6242



5767168



75776



12100

Rectangle

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



6242



5701680



75776



12050

Sweetspot

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



6242



5858176



25162



2698816



12566463



4210752

Same Dimension

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



6242



8064



1638498



2895152



7024



15344

Inverse Universe

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



6422552



8388639



4874752



3157037



7340059



15728699

Previews

White Background



This preview shows how the Decimal color 6242 looks on a white background.

Color Contrast Check

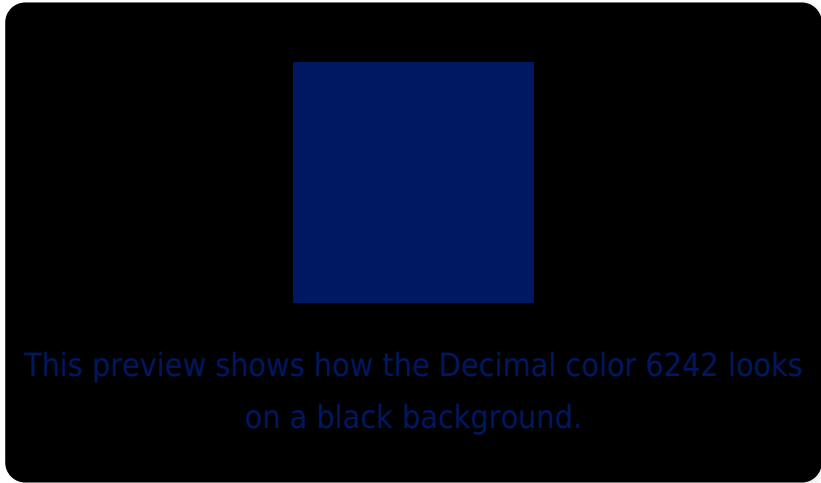
Large Text (above 18pt) WCAG AA ✓ Pass

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

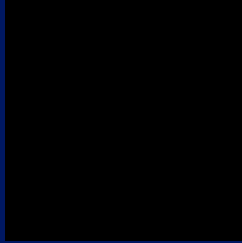
Any Text WCAG AA × Fail

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 6242 Background



This preview shows how black text looks on a background with the Decimal color 6242.



This preview shows how white text looks on a background with the Decimal color 6242.

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

6242

Protanopia

8775

Deuteranopia

9276

Trichromacy



Original Color

6242

Protanomaly

7761

Deuteranomaly

8266

Monochromacy



Original Color

6242

Achromatopsia

1644825

Achromatomaly

1055028

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6242 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 #001862 looks like.

```
.text, #text, p{  
    color:#001862  
}
```

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 #001862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001862
}
```

Border

The CSS property to change the border of an element to Decimal 6242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

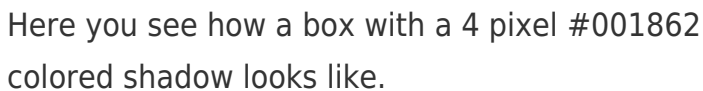
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001862 }
```

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

```
.border{ border-color:#001862 }
```

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



Here you see how a box with a 4 pixel #001862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001862; -webkit-box-shadow:4px 4px  
4px 4px #001862; box-shadow:4px 4px 4px  
4px #001862 }
```

Background

The CSS property to change the background color of an element to Decimal 6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001862 }
```

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

```
.background{ background-color:#001862 }
```

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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