

# Converting Colors

Decimal(8250)

Have a look what the booklet for  
Decimal(8250) contains.

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# Color

**Decimal(8250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00203A
RGB	0, 32, 58
RGB Percent	0%, 13%, 23%
CMY	1.0000, 0.8745, 0.7725
CMYK	1.00, 0.45, 0.00, 0.77
HSL	207°, 100%, 11%
HSV	207°, 100%, 23%
XYZ	1.2802, 1.3385, 4.1939
YIQ	25.3960, -27.4180, 1.3020

# Conversions

## Conversions Part 2

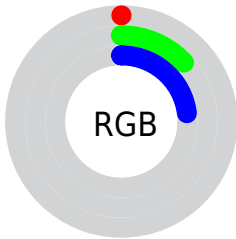
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 21, 58
Decimal	8250
CIELab	11.54, 0.25, -20.06
CIELCh	12, 20.058, 270.711
Yxy	1.3385, 0.1879, 0.1965
Android (android.graphics.Color)	4278198330 (0xFF00203A)
YUV	25.3960, 16.0738, -22.2723
Hunter-Lab	11.5694, -0.4942, -13.3938

# Details

The Decimal color **8250** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3807744**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **3427433**, and **269** is the 20% darker color. If you saturate the color by 10%, you get **8250**, and if you desaturate by 10%, it is **402234**.

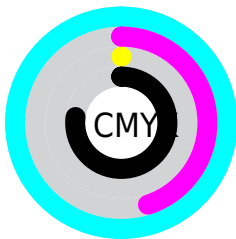
# Distribution



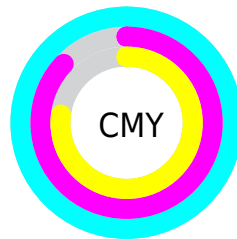
- Red (0%)
- Green (13%)
- Blue (23%)



- Red (0%)
- Yellow (8%)
- Blue (23%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (87%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8250 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 8250 by changing the saturation by 10% instead.



■ 8250                      ■ 8250

■ 15728639                ■ 2084

■ 3427433                 ■ 269

■ 5071747                ■ 0

■ 6716573

■ 8427192

■ 10203603

■ 11980016

■ 13822207

■ 8250

■ 402234

■ 795962

■ 1124410

■ 1518138

■ 1912122

■ 2306106

■ 2699834

■ 3028282

■ 3422010

# Harmonies

## Analogous

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



9014



8250



2038582

# Triad

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



8250



3609617



336912

# Complementary

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



8250



3807744

# 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.



1647104



8250



3217664

# Square

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



8250



3609119



2563584



9502

# Rectangle

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



8250



2823984



2563584



860938



# Sweetspot

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



8250



3555917



14873



1581094



10921638



2500134



# Same Dimension

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



8250



10829



1082



1645340



13148



31195



# Inverse Universe

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



3801120



5046314



3814912



1841435



6029363



14352505



# Previews

## White Background



This preview shows how the Decimal color 8250 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

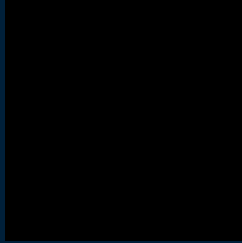
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8250 Background



This preview shows how black text looks on a background with the Decimal color 8250.



This preview shows how white text looks on a background with the Decimal color 8250.

# 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**  
8250

**Protanopia**  
1253177

**Deuteranopia**  
8249



# Trichromacy



**Original Color**  
8250

**Protanomaly**  
794425

**Deuteranomaly**  
8249

**Tritanomaly**  
8749

# Monochromacy



**Original Color**  
8250

**Achromatopsia**  
1644825

**Achromatomaly**  
1055781

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8250 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 #00203A looks like.

```
.text, #text, p{  
    color:#00203A  
}
```

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 #00203A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00203A
}
```

## Border

The CSS property to change the border of an element to Decimal 8250 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
#00203A }
```

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

```
.border{ border-color:#00203A }
```

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

Here you see how a box with a 4 pixel #00203A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00203A; -webkit-box-shadow:4px 4px  
4px 4px #00203A; box-shadow:4px 4px 4px  
4px #00203A }
```

# Background

The CSS property to change the background color of an element to Decimal 8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00203A }
```

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

```
.background{ background-color:#00203A }
```

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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