

# Converting Colors

Decimal(1256762)

Have a look what the booklet for  
Decimal(1256762) contains.

<b>Decimal(1256762)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1256762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	132D3A
RGB	19, 45, 58
RGB Percent	7%, 18%, 23%
CMY	0.9255, 0.8235, 0.7725
CMYK	0.67, 0.22, 0.00, 0.77
HSL	200°, 51%, 15%
HSV	200°, 67%, 23%
XYZ	1.9707, 2.3207, 4.3471
YIQ	38.7080, -19.6690, -1.4690

# Conversions

## Conversions Part 2

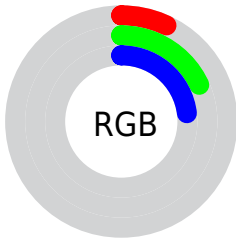
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 35, 58
Decimal	1256762
CIELab	17.09, -5.26, -11.31
CIELCh	17, 12.471, 245.061
Yxy	2.3207, 0.2281, 0.2686
Android (android.graphics.Color)	4279446842 (0xFF132D3A)
YUV	38.7080, 9.5110, -17.2839
Hunter-Lab	15.2339, -3.5684, -6.2550

# Details

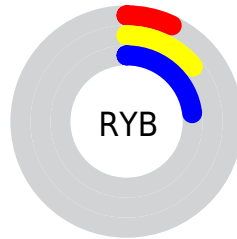
The Decimal color **1256762** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3809299**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **4348777**, and **271** is the 20% darker color. If you saturate the color by 10%, you get **863034**, and if you desaturate by 10%, it is **1650490**.

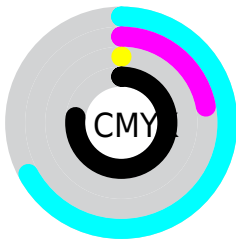
# Distribution



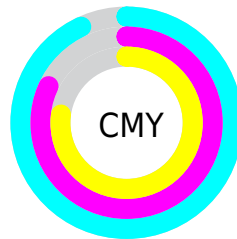
- Red (7%)
- Green (18%)
- Blue (23%)



- Red (7%)
- Yellow (14%)
- Blue (23%)



- Cyan (67%)
- Magenta (22%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (82%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1256762 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 1256762 by changing the saturation by 10% instead.



■ 1256762

■ 1256762

■ 16580607

■ 6436

■ 4348777

■ 271

■ 5927810

■ 0

■ 7572892

■ 9283511

■ 11059923

■ 12836591

■ 14744575

■ 1256762

■ 1256762

■ 863034

■ 1650490

■ 469306

■ 2044218

■ 141114

■ 2372410

■ 10042

■ 2766138

■ 3159866

■ 3553594

■ 3947322

■ 4275258

■ 4668986

# Harmonies

## Analogous

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



798516



1256762



2107964

# Triad

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



1256762



3875625



2436379

# Complementary

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



1256762



3809299

# 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.



3090968



1256762



3875872

# Square

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



1256762



3613746



3548954



1781282

# Rectangle

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



1256762



2697274



3548954



2632730



# Sweetspot

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



1256762



4015949



1260064



1909542



10921638



2500134



# Same Dimension

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



1256762



997453



1251898



1645340



15708



37595



# Inverse Universe

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



3805997



5050168



3814419



1841435



6029373

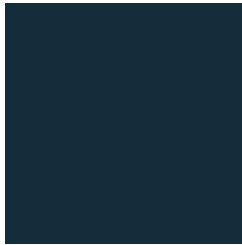


14352530



# Previews

## White Background



This preview shows how the Decimal color 1256762 looks on a white background.

## Color Contrast Check

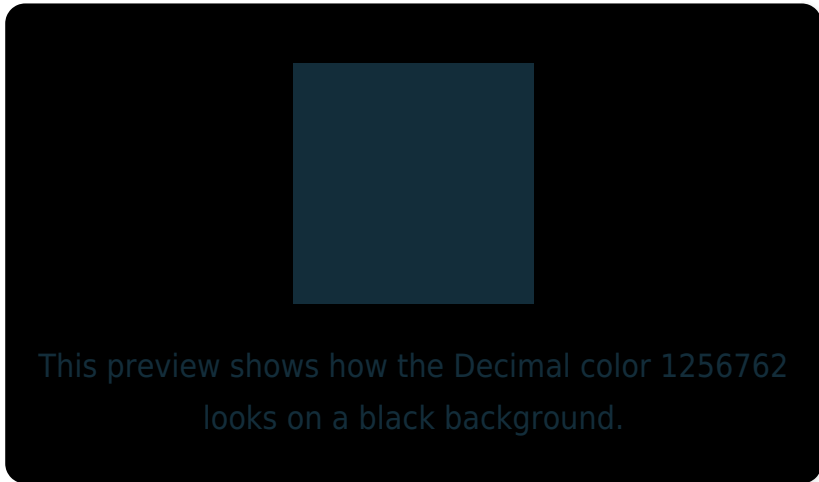
Large Text (above 18pt) WCAG AA ✓ Pass

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

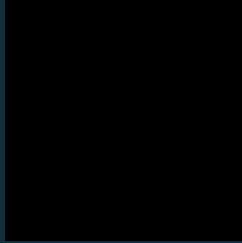
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

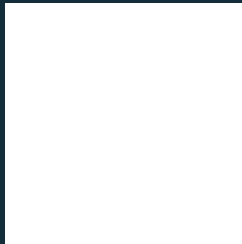
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1256762 Background



This preview shows how black text looks on a background with the Decimal color 1256762.



This preview shows how white text looks on a background with the Decimal color 1256762.

# 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**  
1256762

**Protanopia**  
2501175

**Deuteranopia**  
2370107



**Tritanopia**  
929330

# Trichromacy



**Original Color**

1256762

**Protanomaly**

2042680

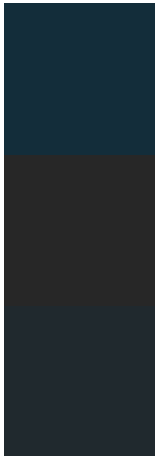
**Deuteranomaly**

1977147

**Tritanomaly**

1060405

# Monochromacy



**Original Color**

1256762

**Achromatopsia**

2565927

**Achromatomaly**

2107694

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1256762 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 #132D3A looks like.

```
.text, #text, p{  
    color:#132D3A  
}
```

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 #132D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132D3A
}
```

## Border

The CSS property to change the border of an element to Decimal 1256762 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
#132D3A }
```

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

```
.border{ border-color:#132D3A }
```

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

Here you see how a box with a 4 pixel #132D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132D3A; -webkit-box-shadow:4px 4px  
4px 4px #132D3A; box-shadow:4px 4px 4px  
4px #132D3A }
```

# Background

The CSS property to change the background color of an element to Decimal 1256762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132D3A }
```

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

```
.background{ background-color:#132D3A }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor