

# Converting Colors

Decimal(1266520)

Have a look what the booklet for  
Decimal(1266520) contains.

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# Color

**Decimal(1266520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	135358
RGB	19, 83, 88
RGB Percent	7%, 33%, 35%
CMY	0.9255, 0.6745, 0.6549
CMYK	0.78, 0.06, 0.00, 0.65
HSL	184°, 64%, 21%
HSV	184°, 78%, 35%
XYZ	5.1233, 7.0295, 10.3193
YIQ	64.4340, -39.7490, -12.0130

# Conversions

## Conversions Part 2

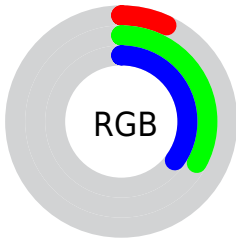
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 52, 88
Decimal	1266520
CIE <sub>Lab</sub>	31.87, -17.48, -8.64
CIE <sub>LCh</sub>	32, 19.500, 206.314
Yxy	7.0295, 0.2280, 0.3128
Android (android.graphics.Color)	4279456600 (0xFF135358)
YUV	64.4340, 11.6180, -39.8456
Hunter-Lab	26.5133, -11.9060, -4.5172

# Details

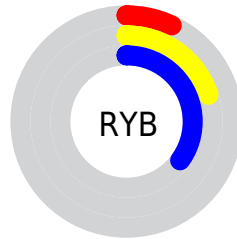
The Decimal color **1266520** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5773331**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **4949386**, and **9771** is the 20% darker color. If you saturate the color by 10%, you get **676440**, and if you desaturate by 10%, it is **1856600**.

# Distribution



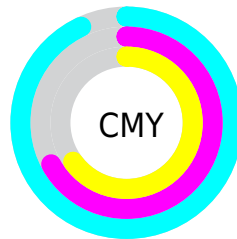
- Red (7%)
- Green (33%)
- Blue (35%)



- Red (7%)
- Yellow (20%)
- Blue (35%)



- Cyan (78%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1266520 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 1266520 by changing the saturation by 10% instead.



1266520

1266520

16777215

15425

4949386

9771

6660004

3607

8436415

0

10213083

12055288

13893631

15794175

1266520

1266520

■ 676440

■ 1856600

■ 86616

■ 2446424

■ 21080

■ 2970968

■ 3561048

■ 4150872

■ 4740952

■ 5330776

■ 5855320

■ 6445400

# Harmonies

## Analogous

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



2249544



1266520



1790308

# Triad

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



1266520



6111836



5720364

# Complementary

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



1266520



5773331

# 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.



6505522



1266520



6766413

# Square

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



1266520



4868198



6897726



4673071

# Rectangle

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



1266520



2772840



6897726



6047789



# Sweetspot

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



1266520



5730675



1267736



2767163



12237498



3881787



# Same Dimension

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



1266520



486259



1257816



2566955



25451



56043



# Inverse Universe

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



5772115



7538539



5782035



2828075



7012451

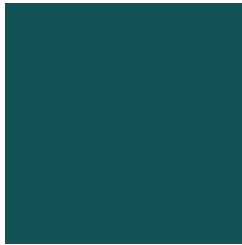


15401178



# Previews

## White Background



This preview shows how the Decimal color 1266520 looks on a white background.

## Color Contrast Check

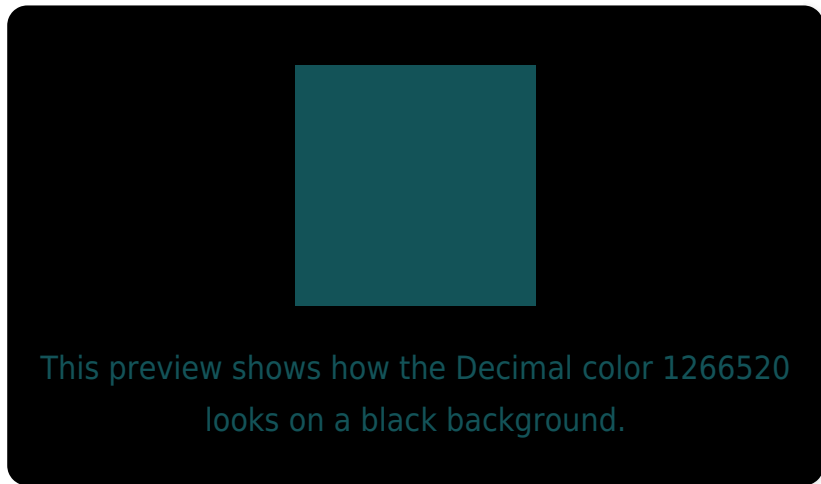
Large Text (above 18pt) WCAG AA ✓ Pass

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

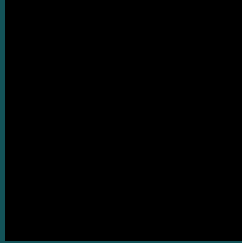
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

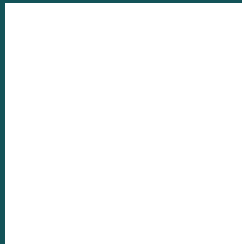
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1266520 Background



This preview shows how black text looks on a background with the Decimal color 1266520.



This preview shows how white text looks on a background with the Decimal color 1266520.

# 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**  
1266520

**Protanopia**  
4868690

**Deuteranopia**  
4933978



**Tritanopia**  
1332057

# Trichromacy



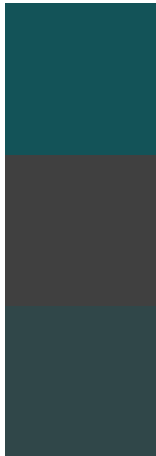
**Original Color**  
1266520

**Protanomaly**  
3558740

**Deuteranomaly**  
3624281

**Tritanomaly**  
1332057

# Monochromacy



**Original Color**  
1266520

**Achromatopsia**  
4210752

**Achromatomaly**  
3163977

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1266520 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 #135358 looks like.

```
.text, #text, p{  
  color:#135358  
}
```

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 #135358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135358
}
```

## Border

The CSS property to change the border of an element to Decimal 1266520 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
#135358 }
```

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

```
.border{ border-color:#135358 }
```

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

Here you see how a box with a 4 pixel #135358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135358; -webkit-box-shadow:4px 4px  
4px 4px #135358; box-shadow:4px 4px 4px  
4px #135358 }
```

# Background

The CSS property to change the background color of an element to Decimal 1266520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135358 }
```

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

```
.background{ background-color:#135358 }
```

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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