

# Converting Colors

Decimal(468315)

Have a look what the booklet for  
Decimal(468315) contains.

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# Color

**Decimal(468315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	07255B
RGB	7, 37, 91
RGB Percent	3%, 15%, 36%
CMY	0.9725, 0.8549, 0.6431
CMYK	0.92, 0.59, 0.00, 0.64
HSL	219°, 86%, 19%
HSV	219°, 92%, 36%
XYZ	2.6375, 2.1236, 10.1684
YIQ	34.1860, -35.2140, 10.4340

# Conversions

## Conversions Part 2

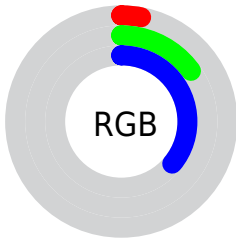
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 29, 91
Decimal	468315
CIE Lab	16.12, 12.91, -35.35
CIE LCh	16, 37.639, 290.065
Yxy	2.1236, 0.1767, 0.1422
Android (android.graphics.Color)	4278658395 (0xFF07255B)
YUV	34.1860, 28.0093, -23.8421
Hunter-Lab	14.5727, 6.8045, -31.1700

# Details

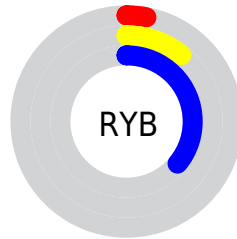
The Decimal color **468315** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5979399**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **4477326**, and **812** is the 20% darker color. If you saturate the color by 10%, you get **8539**, and if you desaturate by 10%, it is **1059675**.

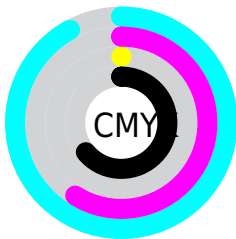
# Distribution



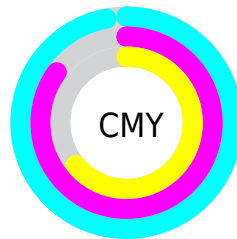
- Red (3%)
- Green (15%)
- Blue (36%)



- Red (3%)
- Yellow (11%)
- Blue (36%)



- Cyan (92%)
- Magenta (59%)
- Yellow (0%)
- Black (64%)



- Cyan (97%)
- Magenta (85%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 468315 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 468315 by changing the saturation by 10% instead.





468315



468315

16777215



4419



4477326



812



6187432



279



7963332



0



9739488



11515901



13423615



15265791



468315



468315

■ 8539

■ 1059675

■ 1651035

■ 2242395

■ 2833499

■ 3490395

■ 4081755

■ 4673115

■ 5264475

■ 5855835

# Harmonies

## Analogous

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



11869



468315



4068939

# Triad

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



468315



5051904



13086

# Complementary

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



468315



5979399

# 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.



12544



468315



3810304

# Square

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



468315



5571864



2239488



13114

# Rectangle

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



468315



5114427



2239488



12820



# Sweetspot

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



468315



5529717



482108



2567739



12237498



3881787



# Same Dimension

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



468315



10869



1181531



2698030



10094



21997



# Inverse Universe

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



5965605



7667754



5266183



3025195



7208999



15532117



# Previews

## White Background



This preview shows how the Decimal color 468315 looks on a white background.

### Color Contrast Check

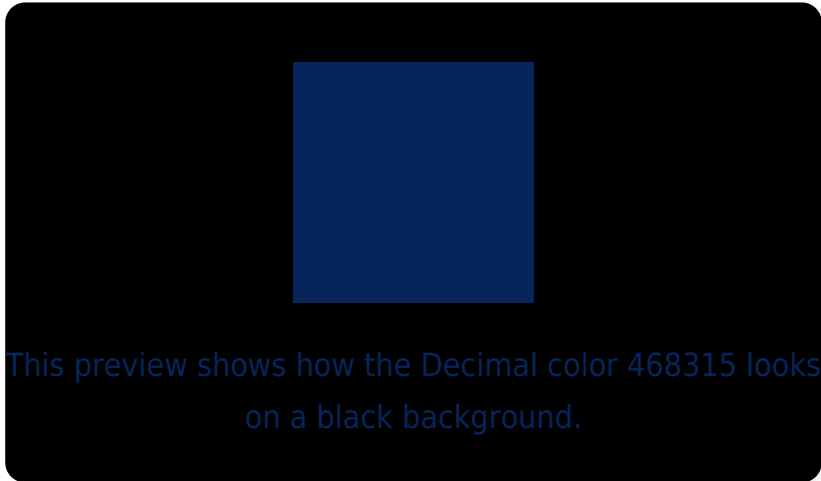
Large Text (above 18pt) WCAG AA ✓ Pass

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 468315 Background



This preview shows how black text looks on a background with the Decimal color 468315.



This preview shows how white text looks on a background with the Decimal color 468315.

# 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**  
468315

**Protanopia**  
10067

**Deuteranopia**  
10823



# Trichromacy



**Original Color**  
468315

**Protanomaly**  
206422

**Deuteranomaly**  
206926

**Tritanomaly**  
207424

# Monochromacy



**Original Color**  
468315

**Achromatopsia**  
2236962

**Achromatomaly**  
1581879

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 468315 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 #07255B looks like.

```
.text, #text, p{  
    color:#07255B  
}
```

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 #07255B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07255B
}
```

## Border

The CSS property to change the border of an element to Decimal 468315 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
#07255B }
```

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

```
.border{ border-color:#07255B }
```

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

Here you see how a box with a 4 pixel #07255B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07255B; -webkit-box-shadow:4px 4px  
4px 4px #07255B; box-shadow:4px 4px 4px  
4px #07255B }
```

# Background

The CSS property to change the background color of an element to Decimal 468315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07255B }
```

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

```
.background{ background-color:#07255B }
```

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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