

# Converting Colors

Decimal(2506334)

Have a look what the booklet for  
Decimal(2506334) contains.

<b>Decimal(2506334)</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(2506334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	263E5E
RGB	38, 62, 94
RGB Percent	15%, 24%, 37%
CMY	0.8510, 0.7569, 0.6314
CMYK	0.60, 0.34, 0.00, 0.63
HSL	214°, 42%, 26%
HSV	214°, 60%, 37%
XYZ	4.5423, 4.6655, 11.2508
YIQ	58.4720, -24.5760, 4.8640

# Conversions

## Conversions Part 2

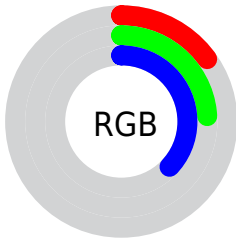
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 55, 94
Decimal	2506334
CIE <sub>Lab</sub>	25.76, 1.45, -21.85
CIE <sub>LCh</sub>	26, 21.899, 273.793
Yxy	4.6655, 0.2220, 0.2280
Android (android.graphics.Color)	4280696414 (0xFF263E5E)
YUV	58.4720, 17.5153, -17.9539
Hunter-Lab	21.5997, -0.2616, -15.7630




# Details

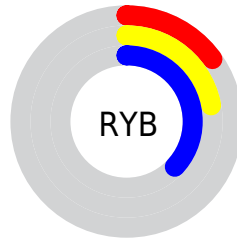
The Decimal color **2506334** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6178342**, and the grayscale version is **3815994**.




A 20% lighter version of the original color is **5795217**, and **5168** is the 20% darker color. If you saturate the color by 10%, you get **1915230**, and if you desaturate by 10%, it is **3097438**.

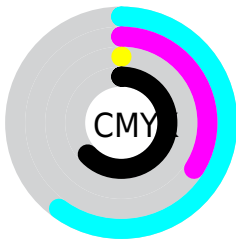
# Distribution







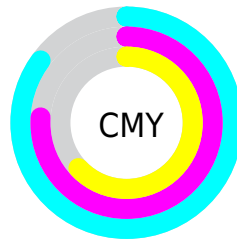
-  Red (15%)
-  Green (24%)
-  Blue (37%)






-  Red (15%)
-  Yellow (22%)
-  Blue (37%)



-  Cyan (60%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (85%)
-  Magenta (76%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2506334 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 2506334 by changing the saturation by 10% instead.



■ 2506334

■ 2506334

16777215

■ 665670

■ 5795217

■ 5168

■ 7440299

■ 283

■ 9216455

■ 0

■ 10992867

■ 12769279

■ 14677247

■ 16515071

■ 2506334

■ 2506334

■ 1915230

■ 3097438

■ 1258334

■ 3754334

■ 667230

■ 4345438

■ 10590

■ 5002078

■ 10334

■ 5593438

■ 6184542

■ 6841438

■ 7432542

■ 8089182

# Harmonies

## Analogous

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



17242



2506334



4274265

# Triad

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



2506334



5976619



2049070

# Complementary

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



2506334



6178342

# 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.



3424545



2506334



5453599

# Square

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



2506334



6041404



4537627



17983

# Rectangle

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



2506334



5125201



4537627



2507817



# Sweetspot

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



2506334



6581882



2514502



3159613



12434877



4013373



# Same Dimension

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



2506334



2312570



2762334



2698030



12142



26349



# Inverse Universe

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



6170174



8004425



5922342



3025195



7209007

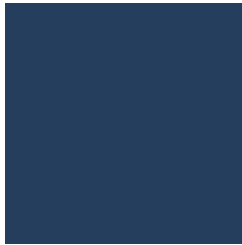


15532134



# Previews

## White Background



This preview shows how the Decimal color 2506334 looks on a white background.

## Color Contrast Check

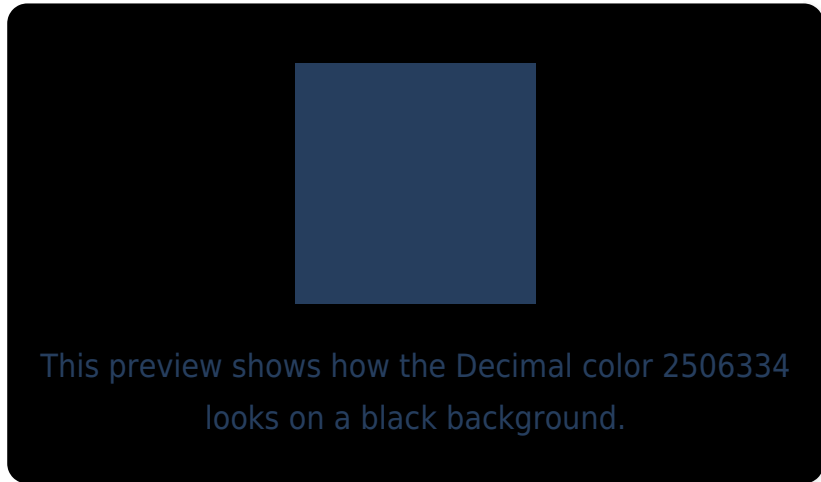
Large Text (above 18pt) WCAG AA ✓ Pass

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

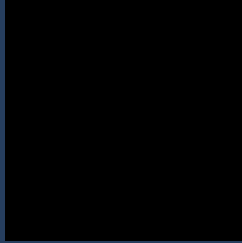
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2506334 Background



This preview shows how black text looks on a background with the Decimal color 2506334.



This preview shows how white text looks on a background with the Decimal color 2506334.

# 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](#).

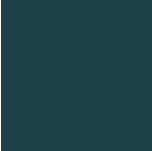
## Dichromacy



**Original Color**  
2506334

**Protanopia**  
3292252

**Deuteranopia**  
2899294



**Tritanopia**  
1851976

# Trichromacy



**Original Color**  
2506334

**Protanomaly**  
3030365

**Deuteranomaly**  
2768222

**Tritanomaly**  
2113872

# Monochromacy



**Original Color**  
2506334

**Achromatopsia**  
3815994

**Achromatomaly**  
3357511

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2506334 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 #263E5E looks like.

```
.text, #text, p{  
    color:#263E5E  
}
```

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 #263E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263E5E
}
```

## Border

The CSS property to change the border of an element to Decimal 2506334 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
#263E5E }
```

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

```
.border{ border-color:#263E5E }
```

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

Here you see how a box with a 4 pixel #263E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263E5E; -webkit-box-shadow:4px 4px  
4px 4px #263E5E; box-shadow:4px 4px 4px  
4px #263E5E }
```

# Background

The CSS property to change the background color of an element to Decimal 2506334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263E5E }
```

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

```
.background{ background-color:#263E5E }
```

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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