

Converting Colors

Decimal(2506066)

Have a look what the booklet for
Decimal(2506066) contains.

Decimal(2506066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2506066)

Conversions

Conversions Part 1

Format	Color
Hex	263D52
RGB	38, 61, 82
RGB Percent	15%, 24%, 32%
CMY	0.8510, 0.7608, 0.6784
CMYK	0.54, 0.26, 0.00, 0.68
HSL	209°, 37%, 24%
HSV	209°, 54%, 32%
XYZ	3.9911, 4.3588, 8.6136
YIQ	56.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

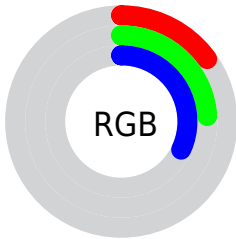
Format	Color
R_{YB}	38, 53, 82
Decimal	2506066
CIE Lab	24.82, -2.18, -15.47
CIE LCh	25, 15.623, 261.994
Yxy	4.3588, 0.2353, 0.2569
Android (android.graphics.Color)	4280696146 (0xFF263D52)
YUV	56.5170, 12.5631, -16.2394
Hunter-Lab	20.8776, -2.4130, -9.8473

Details

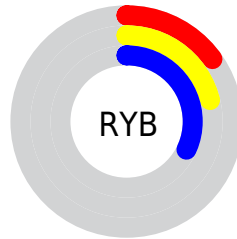
The Decimal color **2506066** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5389094**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **5663875**, and **4901** is the 20% darker color. If you saturate the color by 10%, you get **1980754**, and if you desaturate by 10%, it is **3031378**.

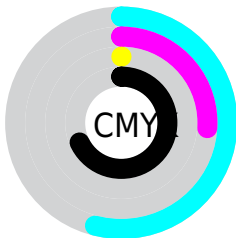
Distribution



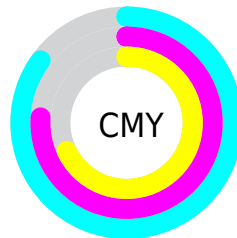
- Red (15%)
- Green (24%)
- Blue (32%)



- Red (15%)
- Yellow (21%)
- Blue (32%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2506066 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 2506066 by changing the saturation by 10% instead.

■ 2506066

■ 2506066

16777215

■ 927547

■ 5663875

■ 4901

■ 7308958

■ 271

■ 9019577

■ 0

■ 10795988

■ 12572401

■ 14414847

■ 16318463

■ 2506066

■ 2506066

■ 1980754

■ 3031378

■ 1455442

■ 3556690

■ 864594

■ 4147538

■ 339282

■ 4672850

■ 11090

■ 5198162

■ 5723218

■ 6248530

■ 6839378

■ 7364690

Harmonies

Analogous

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



1458253



2506066



3684689

Triad

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



2506066



5386803



2965548

Complementary

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



2506066



5389094

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.



3816741



2506066



5190953

Square

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



2506066



5255743



4602148



1982775

Rectangle

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



2506066



4339276



4602148



3227433

Sweetspot

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



2506066



5923691



2511419



2830646



11908533



3552822

Same Dimension

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



2506066



2574955



2500434



2434857



14185



31208

Inverse Universe

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



5383741



7022410



5394726



2696487



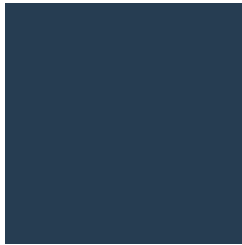
6881335



15204473

Previews

White Background



This preview shows how the Decimal color 2506066 looks on a white background.

Color Contrast Check

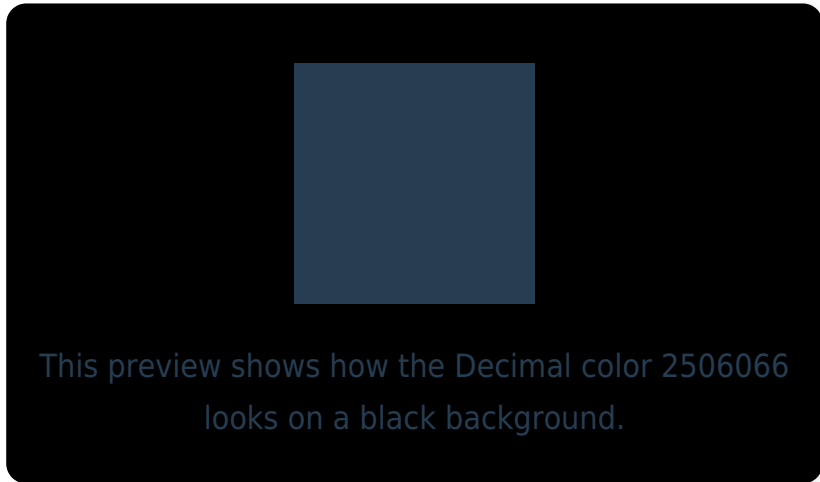
Large Text (above 18pt) WCAG AA ✓ Pass

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

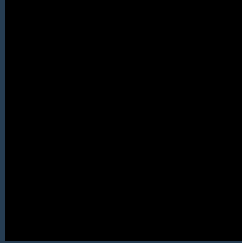
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

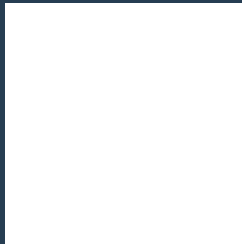
Any Text WCAG AAA × Fail

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

Decimal 2506066 Background



This preview shows how black text looks on a background with the Decimal color 2506066.

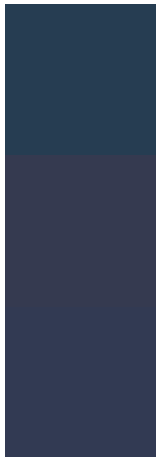


This preview shows how white text looks on a background with the Decimal color 2506066.

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
2506066

Protanopia
3488336

Deuteranopia
3291731



Tritanopia
2178885

Trichromacy



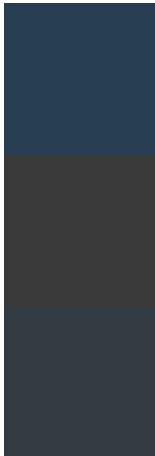
Original Color
2506066

Protanomaly
3160913

Deuteranomaly
3029843

Tritanomaly
2309706

Monochromacy



Original Color
2506066

Achromatopsia
3750201

Achromatomaly
3291714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2506066 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 #263D52 looks like.

```
.text, #text, p{  
  color:#263D52  
}
```

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 #263D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263D52
}
```

Border

The CSS property to change the border of an element to Decimal 2506066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

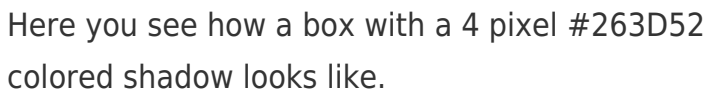
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263D52 }
```

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

```
.border{ border-color:#263D52 }
```

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



Here you see how a box with a 4 pixel #263D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263D52; -webkit-box-shadow:4px 4px  
4px 4px #263D52; box-shadow:4px 4px 4px  
4px #263D52 }
```

Background

The CSS property to change the background color of an element to Decimal 2506066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263D52 }
```

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

```
.background{ background-color:#263D52 }
```

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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