

Converting Colors

Decimal(2505295)

Have a look what the booklet for
Decimal(2505295) contains.

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Color

Decimal(2505295)

Conversions

Conversions Part 1

Format	Color
Hex	263A4F
RGB	38, 58, 79
RGB Percent	15%, 23%, 31%
CMY	0.8510, 0.7725, 0.6902
CMYK	0.52, 0.27, 0.00, 0.69
HSL	211°, 35%, 23%
HSV	211°, 52%, 31%
XYZ	3.7237, 4.0027, 7.9735
YIQ	54.4140, -18.6610, 2.2910

Conversions

Conversions Part 2

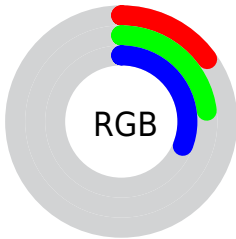
Format	Color
R _{YB}	38, 51, 79
Decimal	2505295
CIE Lab	23.68, -1.22, -15.26
CIE LCh	24, 15.309, 265.432
Yxy	4.0027, 0.2372, 0.2550
Android (android.graphics.Color)	4280695375 (0xFF263A4F)
YUV	54.4140, 12.1209, -14.3951
Hunter-Lab	20.0067, -1.7892, -9.6247

Details

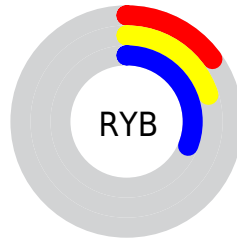
The Decimal color **2505295** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5192486**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5663104**, and **3875** is the 20% darker color. If you saturate the color by 10%, you get **1979983**, and if you desaturate by 10%, it is **3030607**.

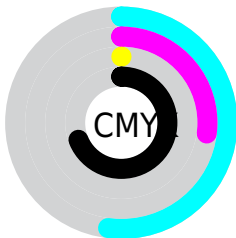
Distribution



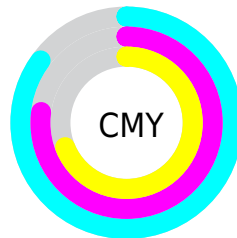
- Red (15%)
- Green (23%)
- Blue (31%)



- Red (15%)
- Yellow (20%)
- Blue (31%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2505295 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 2505295 by changing the saturation by 10% instead.

■ 2505295

■ 2505295

16777215

■ 927032

■ 5663104

■ 3875

■ 7307930

■ 11

■ 8953013

■ 0

■ 10729425

■ 12505837

■ 14413823

■ 16252927

■ 2505295

■ 2505295

■ 1979983

■ 3030607

■ 1454671

■ 3555919

■ 929359

■ 4081231

■ 404047

■ 4606543

■ 10063

■ 5131855

■ 5591631

■ 6116943

■ 6642255

■ 7167567

Harmonies

Analogous

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



1457483



2505295



3618381

Triad

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



2505295



5189679



2702635

Complementary

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



2505295



5192486

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.



3554083



2505295



4928294

Square

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



2505295



5058619



4339490



1785654

Rectangle

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



2505295



4272969



4339490



2964520

Sweetspot

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



2505295



5660262



2510651



2698803



11776947



3355443

Same Dimension

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



2505295



2573926



2500175



2237478



12902



28902

Inverse Universe

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



5187130



6694726



5197606



2499108



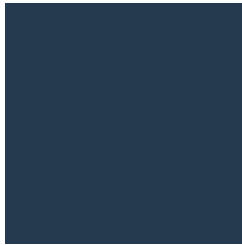
6684722



15073392

Previews

White Background



This preview shows how the Decimal color 2505295 looks on a white background.

Color Contrast Check

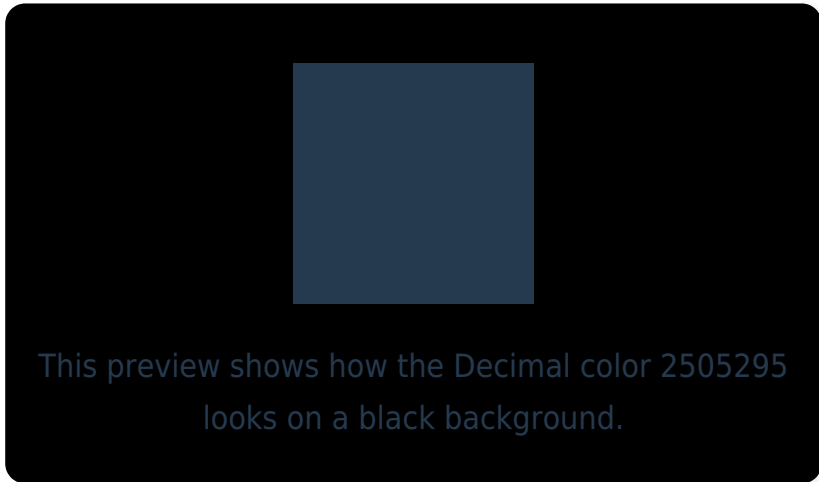
Large Text (above 18pt) WCAG AA ✓ Pass

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

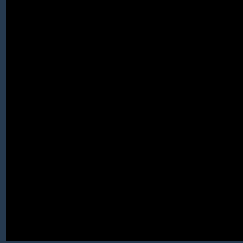
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

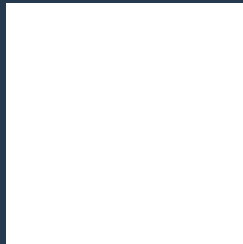
Any Text WCAG AAA × Fail

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

Decimal 2505295 Background



This preview shows how black text looks on a background with the Decimal color 2505295.



This preview shows how white text looks on a background with the Decimal color 2505295.

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
2505295

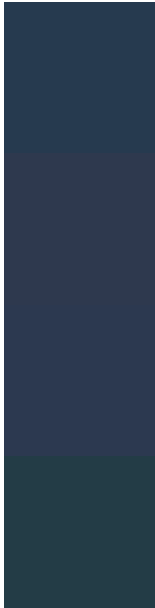
Protanopia
3291213

Deuteranopia
3160144



Tritanopia
2178369

Trichromacy



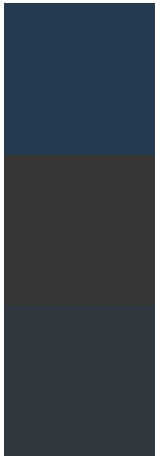
Original Color
2505295

Protanomaly
3029326

Deuteranomaly
2898256

Tritanomaly
2309190

Monochromacy



Original Color
2505295

Achromatopsia
3552822

Achromatomaly
3159871

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2505295 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 #263A4F looks like.

```
.text, #text, p{  
  color:#263A4F  
}
```

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 #263A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263A4F
}
```

Border

The CSS property to change the border of an element to Decimal 2505295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

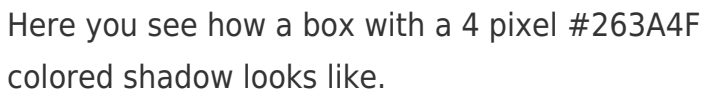
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263A4F }
```

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

```
.border{ border-color:#263A4F }
```

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



Here you see how a box with a 4 pixel #263A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263A4F; -webkit-box-shadow:4px 4px  
4px 4px #263A4F; box-shadow:4px 4px 4px  
4px #263A4F }
```

Background

The CSS property to change the background color of an element to Decimal 2505295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263A4F }
```

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

```
.background{ background-color:#263A4F }
```

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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