

Converting Colors

Decimal(2503475)

Have a look what the booklet for
Decimal(2503475) contains.

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Color

Decimal(2503475)

Conversions

Conversions Part 1

Format	Color
Hex	263333
RGB	38, 51, 51
RGB Percent	15%, 20%, 20%
CMY	0.8510, 0.8000, 0.8000
CMYK	0.25, 0.00, 0.00, 0.80
HSL	180°, 15%, 17%
HSV	180°, 25%, 20%
XYZ	2.5807, 3.0187, 3.5786
YIQ	47.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

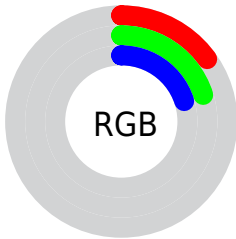
Format	Color
RYB	38, 45, 51
Decimal	2503475
CIELab	20.12, -5.40, -1.79
CIElCh	20, 5.693, 198.331
Yxy	3.0187, 0.2812, 0.3289
Android (android.graphics.Color)	4280693555 (0xFF263333)
YUV	47.1130, 1.9163, -7.9921
Hunter-Lab	17.3745, -3.8922, -0.0498

Details

The Decimal color **2503475** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3352102**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **5464417**, and **261** is the 20% darker color. If you saturate the color by 10%, you get **2175795**, and if you desaturate by 10%, it is **2831155**.

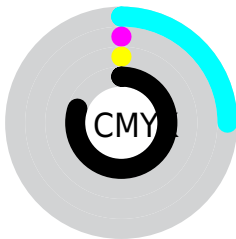
Distribution



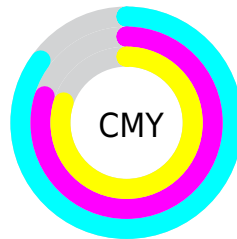
- Red (15%)
- Green (20%)
- Blue (20%)



- Red (15%)
- Yellow (18%)
- Blue (20%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2503475 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 2503475 by changing the saturation by 10% instead.

■ 2503475

■ 2503475

16777215

■ 1121822

■ 5464417

■ 261

■ 7109242

■ 0

■ 8754324

■ 10465198

■ 12241610

■ 14083814

■ 15925247

■ 2503475

■ 2503475

■ 2175795

■ 2831155

■ 1848115

■ 3158835

■ 1520435

■ 3486515

■ 1192755

■ 3814195

■ 799539

■ 4207411

■ 471859

■ 4535091

■ 144179

■ 4862771

■ 13107

■ 5190451

■ 5518131

Harmonies

Analogous

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



2634543



2503475



2568759

Triad

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



2503475



3419958



3551273

Complementary

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



2503475



3352102

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.



3747371



2503475



3681842

Square

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



2503475



3092536



3747374



3223849

Rectangle

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



2503475



2699832



3747374



3616553

Sweetspot

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



2503475



4014658



2503462



1974561



10592673



2171169

Same Dimension

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



2503475



3031618



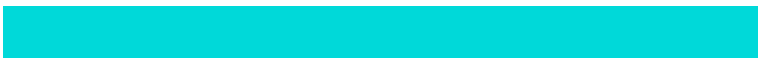
2501939



1514010



22873



55769

Inverse Universe

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



3352115



4337218



3353894



1709850



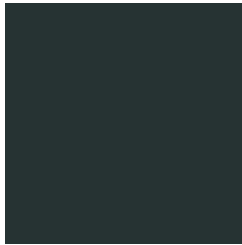
5832793



14221529

Previews

White Background



This preview shows how the Decimal color 2503475 looks on a white background.

Color Contrast Check

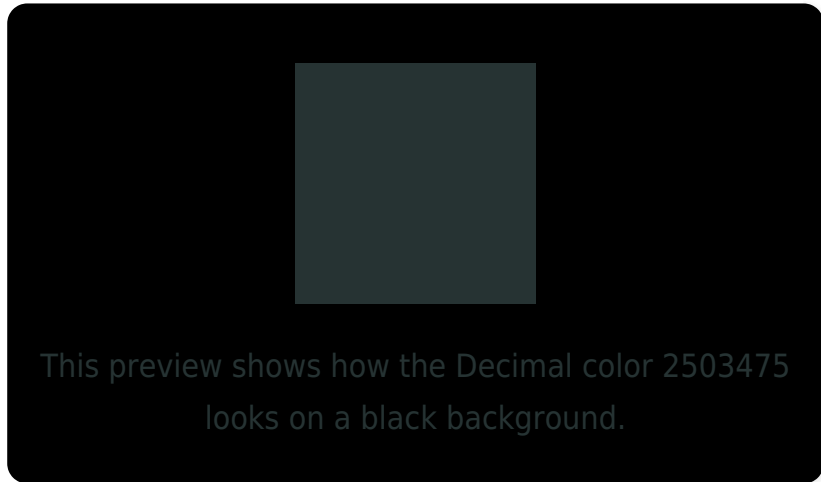
Large Text (above 18pt) WCAG AA ✓ Pass

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

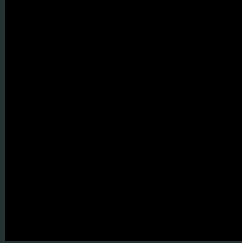
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

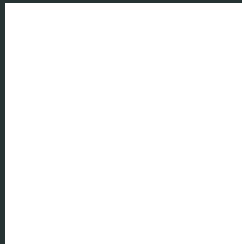
Any Text WCAG AAA × Fail

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

Decimal 2503475 Background



This preview shows how black text looks on a background with the Decimal color 2503475.

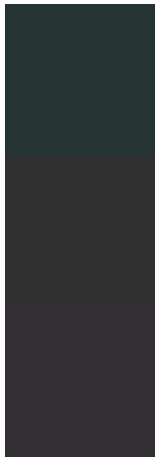


This preview shows how white text looks on a background with the Decimal color 2503475.

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

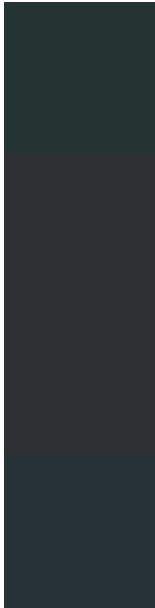


Original Color
2503475

Protanopia
3223601

Deuteranopia
3419956

Trichromacy



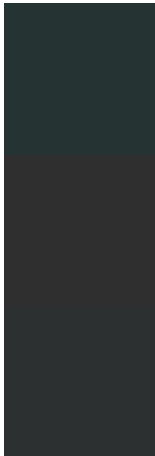
Original Color
2503475

Protanomaly
2961714

Deuteranomaly
3092532

Tritanomaly
2568758

Monochromacy



Original Color
2503475

Achromatopsia
3092271

Achromatomaly
2895920

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2503475 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 #263333 looks like.

```
.text, #text, p{  
    color:#263333  
}
```

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 #263333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263333  
}
```

Border

The CSS property to change the border of an element to Decimal 2503475 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  
#263333 }
```

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

```
.border{ border-color:#263333 }
```

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

Here you see how a box with a 4 pixel #263333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263333; -webkit-box-shadow:4px 4px  
4px 4px #263333; box-shadow:4px 4px 4px  
4px #263333 }
```

Background

The CSS property to change the background color of an element to Decimal 2503475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263333 }
```

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

```
.background{ background-color:#263333 }
```

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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