

# Converting Colors

Decimal(2563121)

Have a look what the booklet for  
Decimal(2563121) contains.

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# Color

**Decimal(2563121)**

# Conversions

## Conversions Part 1

Format	Color
Hex	271C31
RGB	39, 28, 49
RGB Percent	15%, 11%, 19%
CMY	0.8471, 0.8902, 0.8078
CMYK	0.20, 0.43, 0.00, 0.81
HSL	271°, 27%, 15%
HSV	271°, 43%, 19%
XYZ	1.8063, 1.4836, 3.0969
YIQ	33.6830, -0.1850, 8.8630

# Conversions

## Conversions Part 2

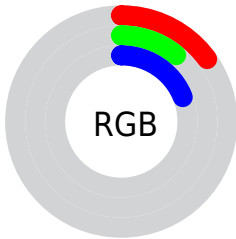
Format	Color
<a href="#">RYB</a>	<a href="#">39, 28, 49</a>
Decimal	<a href="#">2563121</a>
CIELab	<a href="#">12.50, 10.57, -11.91</a>
CIElCh	<a href="#">13, 15.922, 311.602</a>
Yxy	<a href="#">1.4836, 0.2828, 0.2323</a>
Android (android.graphics.Color)	<a href="#">4280753201 (0xFF271C31)</a>
YUV	<a href="#">33.6830, 7.5513, 4.6630</a>
Hunter-Lab	<a href="#">12.1803, 5.1560, -6.5485</a>

# Details

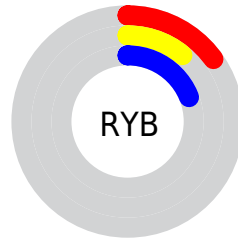
The Decimal color **2563121** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2502940**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **5523551**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2430769**, and if you desaturate by 10%, it is **2695473**.

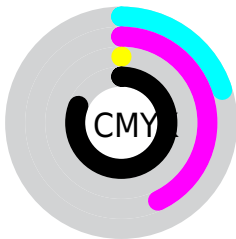
# Distribution



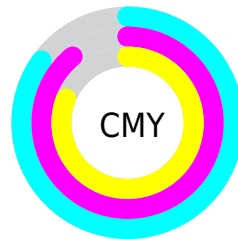
- Red (15%)
- Green (11%)
- Blue (19%)



- Red (15%)
- Yellow (11%)
- Blue (19%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (89%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2563121 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 2563121 by changing the saturation by 10% instead.



■ 2563121

■ 2563121

16777215

■ 1311260

■ 5523551

■ 0

■ 7167864

■ 8812690

■ 10523308

■ 12365000

■ 14141668

■ 16049407

■ 2563121

■ 2563121

■ 2430769

■ 2695473

■ 2232881

■ 2893361

■ 2100529

■ 3025713

■ 1968177

■ 3158065

■ 1770289

■ 3355953

■ 1703985

■ 3488049

■ 3620401

■ 3818289

■ 3950641

# Harmonies

## Analogous

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



1450038



2563121



3217448

# Triad

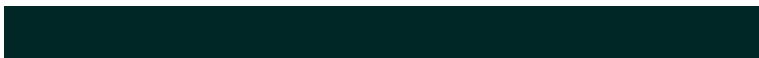
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2563121



2956553



9765

# Complementary

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



2563121



2502940

# 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.



468505



2563121



2367751

# Square

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



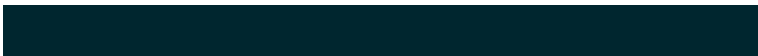
2563121



3349010



1516559



9775

# Rectangle

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



2563121



3479328



1516559



9761



# Sweetspot

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



2563121



3946304



1844785



2038817



10592673



2171169



# Same Dimension

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



2563121



3153728



3218481



1578778



3080281



7471321



# Inverse Universe

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



3218470



4202287



1847580



1709848



5832747



14221415



# Previews

## White Background



This preview shows how the Decimal color 2563121 looks on a white background.

## Color Contrast Check

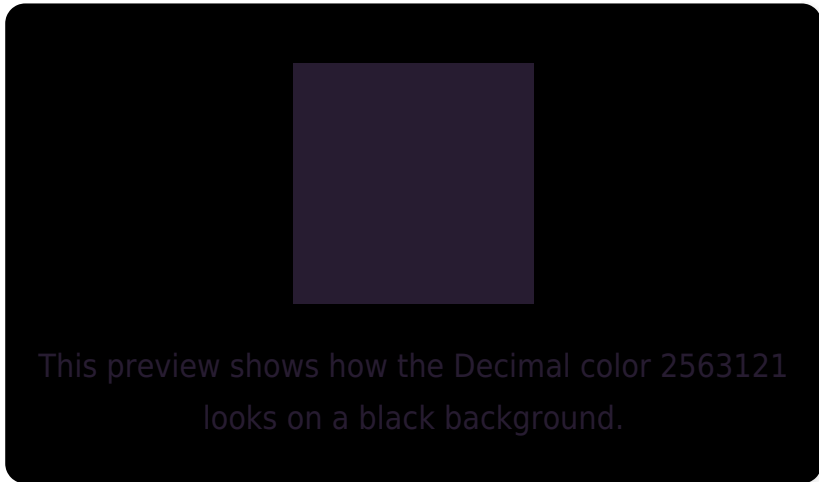
Large Text (above 18pt) WCAG AA ✓ Pass

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

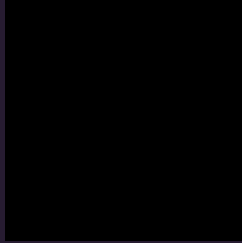
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2563121 Background



This preview shows how black text looks on a background with the Decimal color 2563121.



This preview shows how white text looks on a background with the Decimal color 2563121.

# 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**  
2563121

**Protanopia**  
1646645

**Deuteranopia**  
1712432



**Tritanopia**  
2367266

# Trichromacy



**Original Color**

2563121

**Protanomaly**

1974068

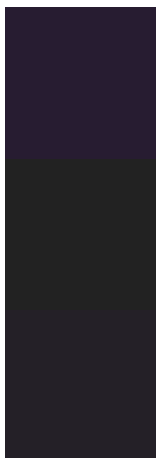
**Deuteranomaly**

2039600

**Tritanomaly**

2432551

# Monochromacy



**Original Color**

2563121

**Achromatopsia**

2236962

**Achromatomaly**

2367527

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2563121 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 #271C31 looks like.

```
.text, #text, p{  
    color:#271C31  
}
```

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 #271C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271C31
}
```

## Border

The CSS property to change the border of an element to Decimal 2563121 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
#271C31 }
```

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

```
.border{ border-color:#271C31 }
```

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

Here you see how a box with a 4 pixel #271C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271C31; -webkit-box-shadow:4px 4px  
4px 4px #271C31; box-shadow:4px 4px 4px  
4px #271C31 }
```

# Background

The CSS property to change the background color of an element to Decimal 2563121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271C31 }
```

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

```
.background{ background-color:#271C31 }
```

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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