

# Converting Colors

Decimal(131203)

Have a look what the booklet for  
Decimal(131203) contains.

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# Color

**Decimal(131203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	020083
RGB	2, 0, 131
RGB Percent	1%, 0%, 51%
CMY	0.9922, 1.0000, 0.4863
CMYK	0.98, 1.00, 0.00, 0.49
HSL	241°, 100%, 26%
HSV	241°, 100%, 51%
XYZ	4.1218, 1.6516, 21.5743
YIQ	15.5320, -40.8590, 41.1650

# Conversions

## Conversions Part 2

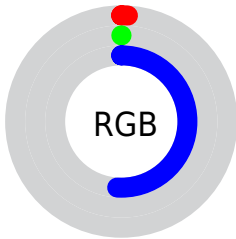
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 0, 131
Decimal	131203
CIE <sub>Lab</sub>	13.54, 48.33, -65.66
CIE <sub>LCh</sub>	14, 81.535, 306.355
Yxy	1.6516, 0.1507, 0.0604
Android (android.graphics.Color)	4278321283 (0xFF020083)
YUV	15.5320, 56.9257, -11.8676
Hunter-Lab	12.8515, 34.7592, -90.5366

# Details

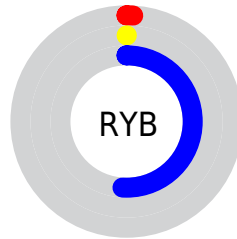
The Decimal color **131203** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8487680**, and the grayscale version is **986895**.

A 20% lighter version of the original color is **5518265**, and **80** is the 20% darker color. If you saturate the color by 10%, you get **131203**, and if you desaturate by 10%, it is **986499**.

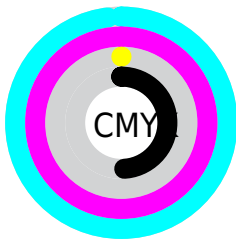
# Distribution



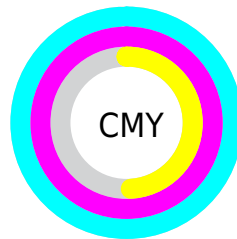
- Red (1%)
- Green (0%)
- Blue (51%)



- Red (1%)
- Yellow (0%)
- Blue (51%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (100%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 131203 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 131203 by changing the saturation by 10% instead.




 131203       131203

 16772607       105

 5518265       80

 7490774       1336

 9397747       545

 11304959       7

 13277695       0

 15185151

 16765183

 131203

■ 986499

■ 1841795

■ 2697091

■ 3552387

■ 4342403

■ 5197699

■ 6052995

■ 6908291

■ 7763587

# Harmonies

## Analogous

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



11419



131203



6815826

# Triad

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



131203



5112576



12846

# Complementary

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



131203



8487680

# 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.



12544



131203



2172160

# Square

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



131203



7143424



12032



13928

# Rectangle

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



131203



7864365



12032



12826



# Sweetspot

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



131203



7895211



33667



3684183



14079702



5723991



# Same Dimension

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



131203



196779



4325507



3947586



131202



3



# Inverse Universe

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



8585345



11206824



4358912



4340802



8519808

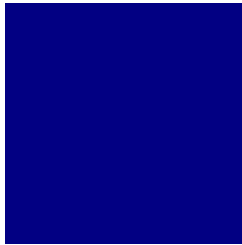


196611



# Previews

## White Background



This preview shows how the Decimal color 131203 looks on a white background.

## Color Contrast Check

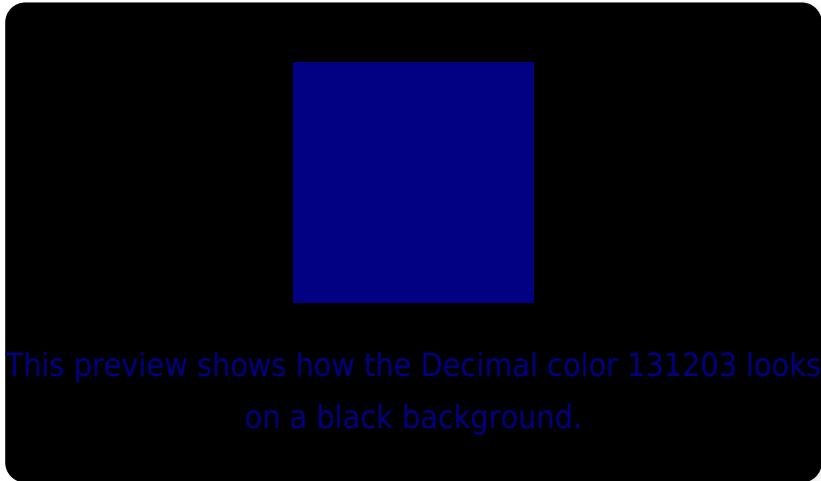
Large Text (above 18pt) WCAG AA ✓ Pass

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

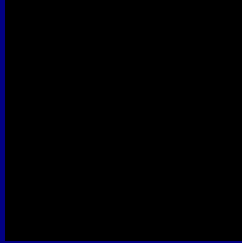
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 131203 Background



This preview shows how black text looks on a background with the Decimal color 131203.



This preview shows how white text looks on a background with the Decimal color 131203.

# 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**  
131203

**Protanopia**  
9808

**Deuteranopia**  
10564



# Trichromacy



**Original Color**  
131203

**Protanomaly**  
71779

**Deuteranomaly**  
72283

**Tritanomaly**  
72781

# Monochromacy



**Original Color**  
131203

**Achromatopsia**  
1052688

**Achromatomaly**  
723514

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 131203 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 #020083 looks like.

```
.text, #text, p{  
    color:#020083  
}
```

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 #020083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020083
}
```

## Border

The CSS property to change the border of an element to Decimal 131203 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".

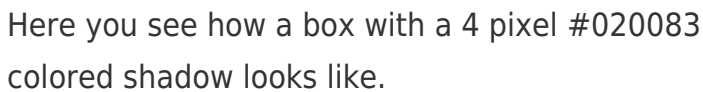
```
.border, #border, table{ border:4px solid
#020083 }
```

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

```
.border{ border-color:#020083 }
```

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

Here you see how a box with a 4 pixel #020083 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020083; -webkit-box-shadow:4px 4px  
4px 4px #020083; box-shadow:4px 4px 4px  
4px #020083 }
```

# Background

The CSS property to change the background color of an element to Decimal 131203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020083 }
```

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

```
.background{ background-color:#020083 }
```

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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