

# Converting Colors

Decimal(2020232)

Have a look what the booklet for  
Decimal(2020232) contains.

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# **Color**

**Decimal(2020232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ED388
RGB	30, 211, 136
RGB Percent	12%, 83%, 53%
CMY	0.8824, 0.1725, 0.4667
CMYK	0.86, 0.00, 0.36, 0.17
HSL	155°, 75%, 47%
HSV	155°, 86%, 83%
XYZ	28.2736, 48.6421, 31.1912
YIQ	148.3310, -83.8010, -61.6970

# Conversions

## Conversions Part 2

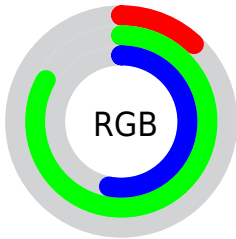
Format	Color
<a href="#">RYB</a>	<a href="#">30, 144, 211</a>
Decimal	<a href="#">2020232</a>
CIELab	<a href="#">75.23, -59.45, 25.45</a>
CIELCh	<a href="#">75, 64.669, 156.827</a>
Yxy	<a href="#">48.6421, 0.2615, 0.4499</a>
Android (android.graphics.Color)	<a href="#">4280210312 (0xFF1ED388)</a>
YUV	<a href="#">148.3310, -6.0792, -103.7763</a>
Hunter-Lab	<a href="#">69.7439, -49.6894, 22.3047</a>

# Details

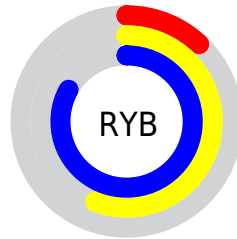
The Decimal color **2020232** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13835881**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7339966**, and **39766** is the 20% darker color. If you saturate the color by 10%, you get **643967**, and if you desaturate by 10%, it is **3396497**.

# Distribution



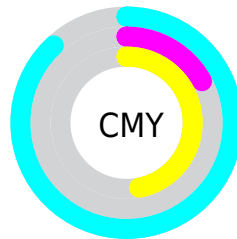
- Red (12%)
- Green (83%)
- Blue (53%)



- Red (12%)
- Yellow (56%)
- Blue (83%)



- Cyan (86%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (88%)
- Magenta (17%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2020232 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 2020232 by changing the saturation by 10% instead.



 2020232

 2020232

16777215

 46958

 7339966

 39766

 9437146

 32830

 11468790

 26151

 13434879

 19472

 15466495

 13568

 6912

 0

 2020232

 2020232

■ 643967

■ 3396497

■ 54140

■ 4772761

■ 6149026

■ 7525291

■ 8901556

■ 10343356

■ 11719621

■ 13095886

■ 14472151

# Harmonies

## Analogous

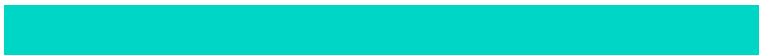
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9357908



2020232



54982

# Triad

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



2020232



5946367



16748405

# Complementary

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



2020232



13835881

# 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.



16745390



2020232



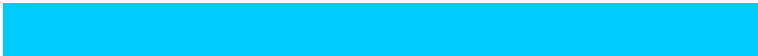
13542655

# Square

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



2020232



52479



16747753



16753993

# Rectangle

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



2020232



55021



16747753



16746887

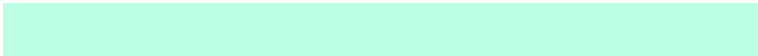


# Sweetspot

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



2020232



12451812



6935326



5800047



0



8421504



# Same Dimension

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



2020232



65429



2016467



6187364



43107



10520



# Inverse Universe

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



13835881



16711786



13839646



6905442



11010118

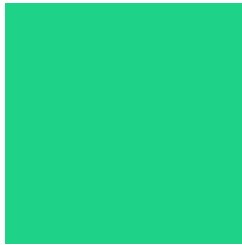


2686993



# Previews

## White Background



This preview shows how the Decimal color 2020232 looks on a white background.

## Color Contrast Check

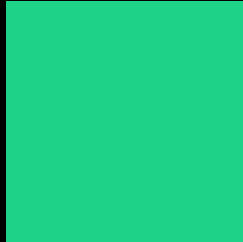
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 2020232 looks on a black 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

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



# Decimal 2020232 Background



This preview shows how black text looks on a background with the Decimal color 2020232.

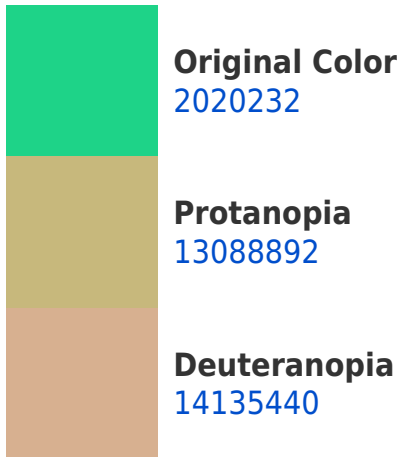


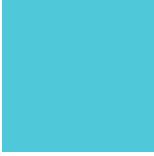
This preview shows how white text looks on a background with the Decimal color 2020232.

# 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





**Tritanopia**  
5229017

# Trichromacy



**Original Color**  
2020232



**Protanomaly**  
9093760



**Deuteranomaly**  
9747853



**Tritanomaly**  
4050364

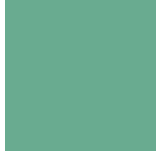
# Monochromacy



**Original Color**  
2020232



**Achromatopsia**  
9737364



**Achromatomaly**  
6925200

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2020232 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 #1ED388 looks like.

```
.text, #text, p{  
    color:#1ED388  
}
```

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 #1ED388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED388
}
```

## Border

The CSS property to change the border of an element to Decimal 2020232 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
#1ED388 }
```

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

```
.border{ border-color:#1ED388 }
```

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

Here you see how a box with a 4 pixel #1ED388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED388; -webkit-box-shadow:4px 4px  
4px 4px #1ED388; box-shadow:4px 4px 4px  
4px #1ED388 }
```

# Background

The CSS property to change the background color of an element to Decimal 2020232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED388 }
```

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

```
.background{ background-color:#1ED388 }
```

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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