

Converting Colors

Decimal(2175520)

Have a look what the booklet for
Decimal(2175520) contains.

Decimal(2175520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2175520)

Conversions

Conversions Part 1

Format	Color
Hex	213220
RGB	33, 50, 32
RGB Percent	13%, 20%, 13%
CMY	0.8706, 0.8039, 0.8745
CMYK	0.34, 0.00, 0.36, 0.80
HSL	117°, 22%, 16%
HSV	117°, 36%, 20%
XYZ	2.0285, 2.7088, 1.7824
YIQ	42.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

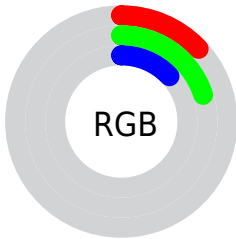
Format	Color
R_{YB}	32, 50, 49
Decimal	2175520
CIE _{Lab}	18.84, -11.47, 9.28
CIE _{LCh}	19, 14.757, 141.021
Yxy	2.7088, 0.3111, 0.4155
Android (android.graphics.Color)	4280365600 (0xFF213220)
YUV	42.8650, -5.3564, -8.6516
Hunter-Lab	16.4585, -6.8022, 5.0999

Details

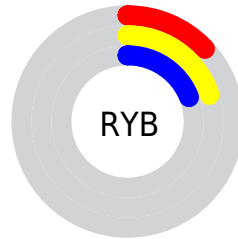
The Decimal color **2175520** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3219506**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **5136460**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1847835**, and if you desaturate by 10%, it is **2503205**.

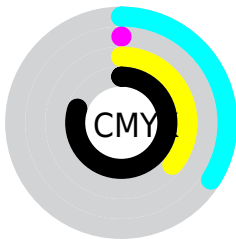
Distribution



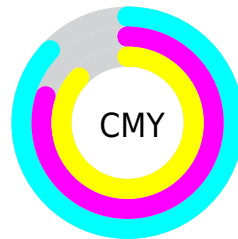
- Red (13%)
- Green (20%)
- Blue (13%)



- Red (13%)
- Yellow (20%)
- Blue (19%)



- Cyan (34%)
- Magenta (0%)
- Yellow (36%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2175520 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 2175520 by changing the saturation by 10% instead.

■ 2175520

■ 2175520

16777215

■ 859401

■ 5136460

■ 0

■ 6715748

■ 8360829

■ 10071703

■ 11848114

■ 13690317

■ 15532009

■ 2175520

■ 2175520

■ 1847835

■ 2503205

■ 1585686

■ 2765354

■ 1258001

■ 3093039

■ 930316

■ 3420724

■ 602631

■ 3748409

■ 340482

■ 4010558

■ 209408

■ 4338243

■ 4665928

■ 4993613

Harmonies

Analogous

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



2961178



2175520



1258282

Triad

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



2175520



1650755



4400679

Complementary

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



2175520



3219506

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.



4269617



2175520



2763842

Square

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



2175520



537150



3680315



4139038

Rectangle

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



2175520



668722



3680315



4400682

Sweetspot

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



2175520



3751993



3289376



1909021



10592673



2171169

Same Dimension

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



2175520



2506788



2109992



1514007



350464



841984

Inverse Universe

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



3219506



4072512



3285034



1644314



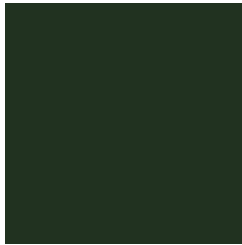
5505113



13435097

Previews

White Background



This preview shows how the Decimal color 2175520 looks on a white background.

Color Contrast Check

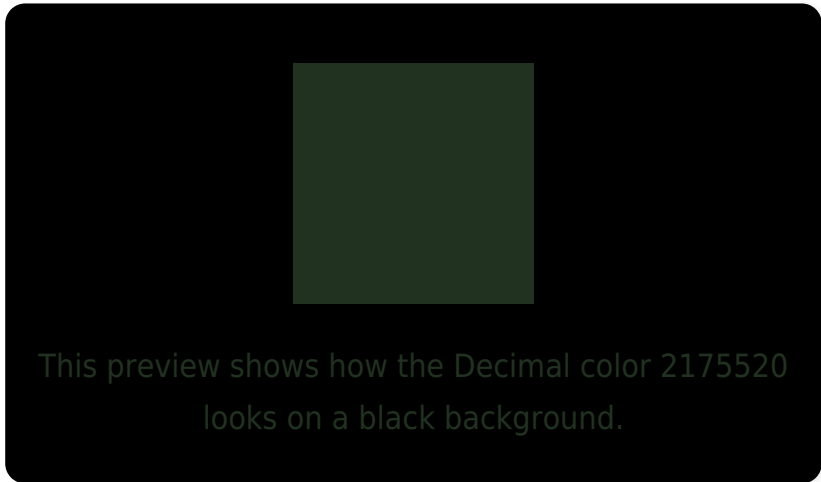
Large Text (above 18pt) WCAG AA ✓ Pass

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

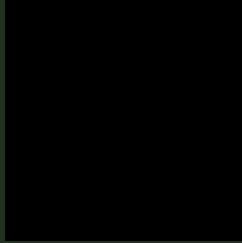
Any Text WCAG AA × Fail

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 2175520 Background



This preview shows how black text looks on a background with the Decimal color 2175520.



This preview shows how white text looks on a background with the Decimal color 2175520.

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
2175520

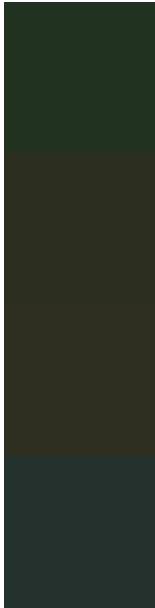
Protanopia
3288606

Deuteranopia
3550241



Tritanopia
2437171

Trichromacy



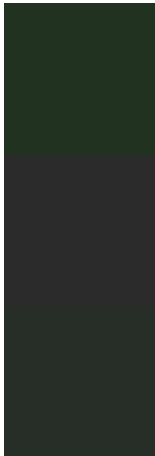
Original Color
2175520

Protanomaly
2895647

Deuteranomaly
3026465

Tritanomaly
2371884

Monochromacy



Original Color
2175520

Achromatopsia
2829099

Achromatomaly
2567719

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2175520 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 #213220 looks like.

```
.text, #text, p{  
  color:#213220  
}
```

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 #213220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213220
}
```

Border

The CSS property to change the border of an element to Decimal 2175520 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
#213220 }
```

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

```
.border{ border-color:#213220 }
```

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

Here you see how a box with a 4 pixel #213220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213220; -webkit-box-shadow:4px 4px  
4px 4px #213220; box-shadow:4px 4px 4px  
4px #213220 }
```

Background

The CSS property to change the background color of an element to Decimal 2175520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213220 }
```

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

```
.background{ background-color:#213220 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor