

Converting Colors

Decimal(133512)

Have a look what the booklet for
Decimal(133512) contains.

Decimal(133512)	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(133512)

Conversions

Conversions Part 1

Format	Color
Hex	020988
RGB	2, 9, 136
RGB Percent	1%, 4%, 53%
CMY	0.9922, 0.9647, 0.4667
CMYK	0.99, 0.93, 0.00, 0.47
HSL	237°, 97%, 27%
HSV	237°, 99%, 53%
XYZ	4.5667, 1.9859, 23.4352
YIQ	21.3850, -44.9390, 38.0130

Conversions

Conversions Part 2

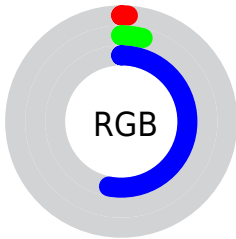
Format	Color
R_{YB}	2, 9, 136
Decimal	133512
CIE _{Lab}	15.41, 46.37, -65.70
CIE _{LCh}	15, 80.414, 305.215
Yxy	1.9859, 0.1523, 0.0662
Android (android.graphics.Color)	4278323592 (0xFF020988)
YUV	21.3850, 56.5052, -17.0006
Hunter-Lab	14.0920, 33.1836, -88.7354

Details

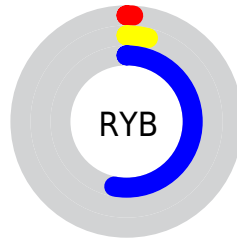
The Decimal color **133512** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8945922**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **5585599**, and **85** is the 20% darker color. If you saturate the color by 10%, you get **1928**, and if you desaturate by 10%, it is **1054344**.

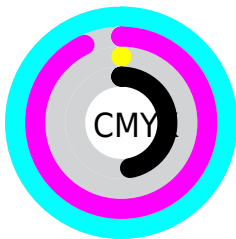
Distribution



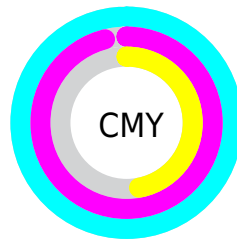
- Red (1%)
- Green (4%)
- Blue (53%)



- Red (1%)
- Yellow (4%)
- Blue (53%)



- Cyan (99%)
- Magenta (93%)
- Yellow (0%)
- Black (47%)



- Cyan (99%)
- Magenta (96%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 133512 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 133512 by changing the saturation by 10% instead.

■ 133512

■ 133512

■ 16774399

■ 110

■ 5585599

■ 85

■ 7557851

■ 1596

■ 9464824

■ 550

■ 11372031

■ 270

■ 13345023

■ 0

■ 15318015

■ 16766975

■ 133512

■ 133512

■ 1928

■ 1054344

■ 1909640

■ 2830472

■ 3685768

■ 4606344

■ 5527176

■ 6382472

■ 7303304

■ 8158600

Harmonies

Analogous

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



12447



133512



7012440

Triad

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



133512



5506304



14128

Complementary

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



133512



8945922

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.



13824



133512



2631936

Square

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



133512



7536640



13056



14953

Rectangle

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



133512



8126515



13056



14108

Sweetspot

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



133512



8093360



166015



3750745



14277081



5855577

Same Dimension

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



133512



2480



3932808



4079173



1925



5

Inverse Universe

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



8913417



11534345



5146626



4537918



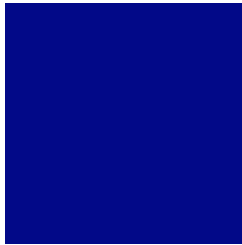
8716295



327680

Previews

White Background



This preview shows how the Decimal color 133512 looks on a white background.

Color Contrast Check

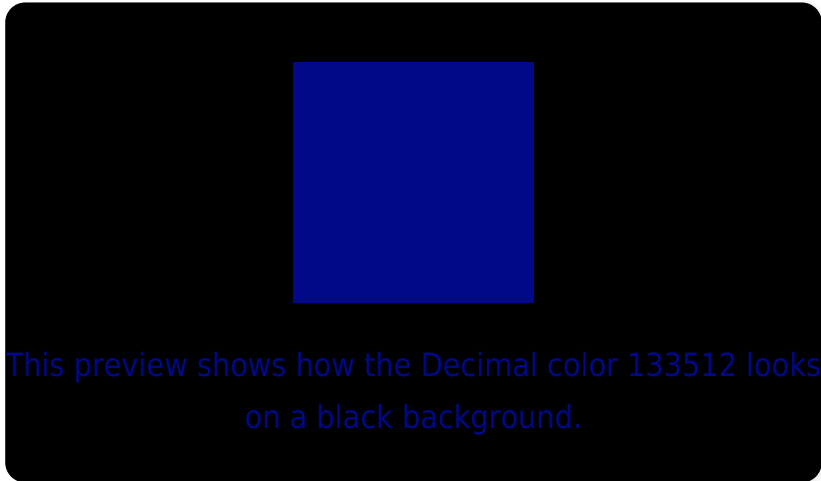
Large Text (above 18pt) WCAG AA ✓ Pass

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

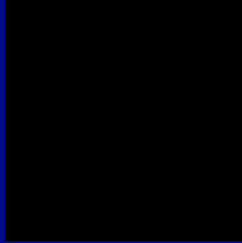
Any Text WCAG AA × Fail

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 133512 Background



This preview shows how black text looks on a background with the Decimal color 133512.



This preview shows how white text looks on a background with the Decimal color 133512.

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
133512

Protanopia
10324

Deuteranopia
11079

Trichromacy



Original Color
133512

Protanomaly
73063

Deuteranomaly
73567

Tritanomaly
74064

Monochromacy



Original Color
133512

Achromatopsia
1381653

Achromatomaly
921919

CSS Examples

Text

The CSS property to change the color of the text to Decimal 133512 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 #020988 looks like.

```
.text, #text, p{  
    color:#020988  
}
```

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 #020988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020988
}
```

Border

The CSS property to change the border of an element to Decimal 133512 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".

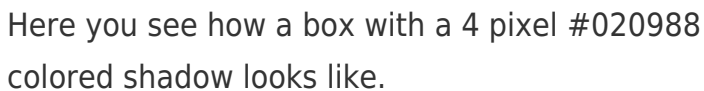
```
.border, #border, table{ border:4px solid
#020988 }
```

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

```
.border{ border-color:#020988 }
```

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

Here you see how a box with a 4 pixel #020988 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020988; -webkit-box-shadow:4px 4px  
4px 4px #020988; box-shadow:4px 4px 4px  
4px #020988 }
```

Background

The CSS property to change the background color of an element to Decimal 133512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020988 }
```

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

```
.background{ background-color:#020988 }
```

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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