

Converting Colors

Decimal(200452)

Have a look what the booklet for
Decimal(200452) contains.

Decimal(200452)	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(200452)

Conversions

Conversions Part 1

Format	Color
Hex	030F04
RGB	3, 15, 4
RGB Percent	1%, 6%, 2%
CMY	0.9882, 0.9412, 0.9843
CMYK	0.80, 0.00, 0.73, 0.94
HSL	125°, 67%, 4%
HSV	125°, 80%, 6%
XYZ	0.2303, 0.3698, 0.1741
YIQ	10.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

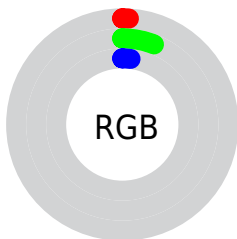
Format	Color
RYB	3, 14, 15
Decimal	200452
CIELab	3.34, -4.96, 3.27
CIElCh	3, 5.943, 146.634
Yxy	0.3698, 0.2975, 0.4776
Android (android.graphics.Color)	4278390532 (0xFF030F04)
YUV	10.1580, -3.0359, -6.2776
Hunter-Lab	6.0809, -3.8815, 2.5591

Details

The Decimal color **200452** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **983822**, and the grayscale version is **657930**.

A 20% lighter version of the original color is **3291699**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **69379**, and if you desaturate by 10%, it is **331525**.

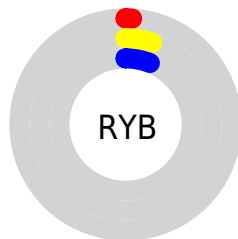
Distribution



Red (1%)

Green (6%)

Blue (2%)



Red (1%)

Yellow (5%)

Blue (6%)

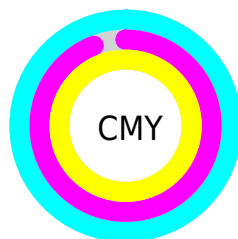


Cyan (80%)

Magenta (0%)

Yellow (73%)

Black (94%)



Cyan (99%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 200452 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 200452 by changing the saturation by 10% instead.

■ 200452

■ 200452

■ 15069157

■ 0

■ 3291699

■ 4739401

■ 6318433

■ 7963258

■ 9673875

■ 11384750

■ 13161161

■ 200452

■ 200452

■ 69379

■ 331525

■ 3841

■ 397063

■ 462600

■ 593673

■ 659211

■ 790284

■ 855822

■ 986895

■ 1052432

Harmonies

Analogous

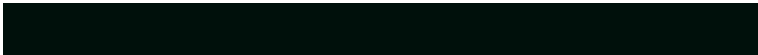
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



724224



200452



4107

Triad

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



200452



265494



1509382

Complementary

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



200452



983822

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.



1443853



200452



854805

Square

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



200452



3861



1247506



1444096

Rectangle

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



200452



4111



1247506



1509384

Sweetspot

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



200452



1053712



921347



461319



9079434



657930

Same Dimension

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



200452



70658



200458



460807



18182



50961

Inverse Universe

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



983822



1310995



983816



526088



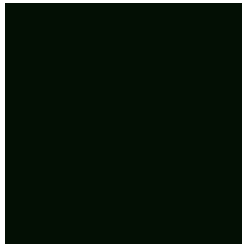
4653121



13041846

Previews

White Background



This preview shows how the Decimal color 200452 looks on a white background.

Color Contrast Check

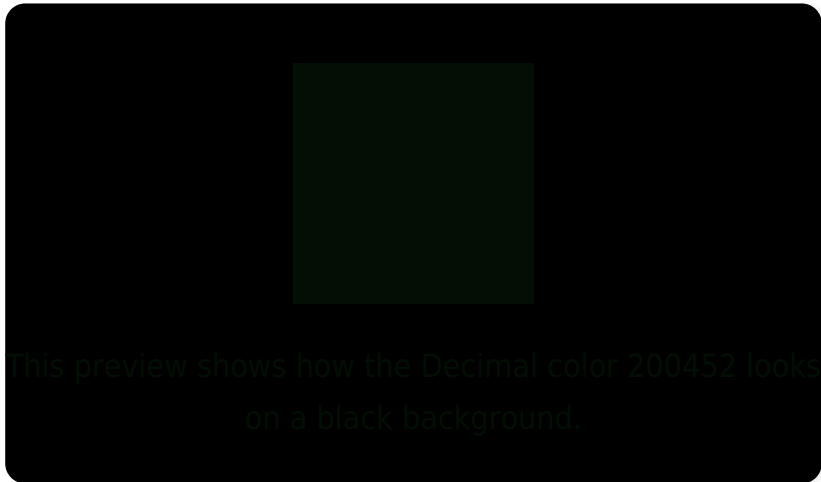
Large Text (above 18pt) WCAG AA ✓ Pass

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 200452 Background



This preview shows how black text looks on a background with the Decimal color 200452.

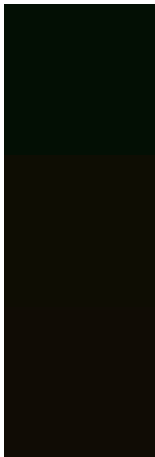


This preview shows how white text looks on a background with the Decimal color 200452.

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
200452

Protanopia
920835

Deuteranopia
1051653



Tritanopia
462351

Trichromacy



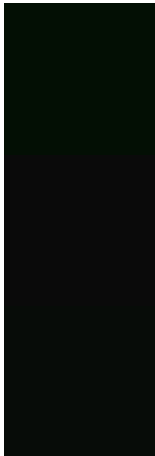
Original Color
200452

Protanomaly
658947

Deuteranomaly
724229

Tritanomaly
396811

Monochromacy



Original Color
200452

Achromatopsia
657930

Achromatomaly
461832

CSS Examples

Text

The CSS property to change the color of the text to Decimal 200452 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 #030F04 looks like.

```
.text, #text, p{  
    color:#030F04  
}
```

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 #030F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030F04
}
```

Border

The CSS property to change the border of an element to Decimal 200452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

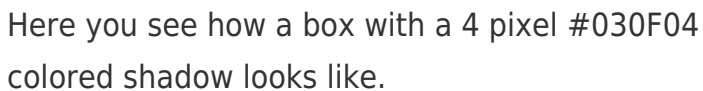
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030F04 }
```

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

```
.border{ border-color:#030F04 }
```

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



Here you see how a box with a 4 pixel #030F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030F04; -webkit-box-shadow:4px 4px  
4px 4px #030F04; box-shadow:4px 4px 4px  
4px #030F04 }
```

Background

The CSS property to change the background color of an element to Decimal 200452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030F04 }
```

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

```
.background{ background-color:#030F04 }
```

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