

# Converting Colors

Decimal(855312)

Have a look what the booklet for  
Decimal(855312) contains.

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# Color

**Decimal(855312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0D10
RGB	13, 13, 16
RGB Percent	5%, 5%, 6%
CMY	0.9490, 0.9490, 0.9373
CMYK	0.19, 0.19, 0.00, 0.94
HSL	240°, 10%, 6%
HSV	240°, 19%, 6%
XYZ	0.4034, 0.4108, 0.5482
YIQ	13.3420, -0.9630, 0.9330

# Conversions

## Conversions Part 2

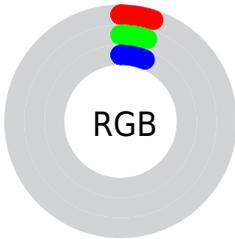
Format	Color
<a href="#">RYB</a>	<a href="#">13, 13, 16</a>
Decimal	<a href="#">855312</a>
CIELab	<a href="#">3.71, 0.53, -1.44</a>
CIElCh	<a href="#">4, 1.538, 290.182</a>
Yxy	<a href="#">0.4108, 0.2961, 0.3015</a>
Android (android.graphics.Color)	<a href="#">4279045392</a> (0xFF0D0D10)
YUV	<a href="#">13.3420, 1.3104, -0.2999</a>
Hunter-Lab	<a href="#">6.4096, 0.0184, -0.5847</a>

# Details

The Decimal color **855312** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1052685**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **3684411**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **723728**, and if you desaturate by 10%, it is **986896**.

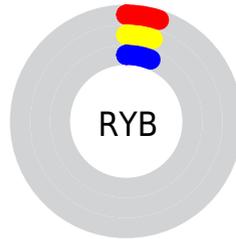
# Distribution



Red (5%)

Green (5%)

Blue (6%)



Red (5%)

Yellow (5%)

Blue (6%)

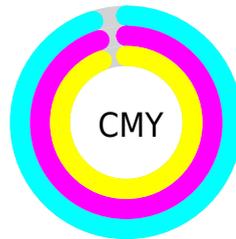


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (94%)



Cyan (95%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 855312 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 855312 by changing the saturation by 10% instead.



855312



855312



15592944



0



3684411



5197650



6776682



8421507



10132125



11908536



13684947



855312



855312

■ 723728

■ 986896

■ 657936

■ 1052688

■ 526352

■ 1184272

■ 460560

■ 1250064

■ 328976

■ 1381648

■ 197392

■ 1513232

■ 131600

■ 1579024

■ 16

■ 1710608

■ 1776400

# Harmonies

## Analogous

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



724496



855312



986383

# Triad

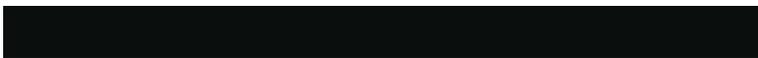
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



855312



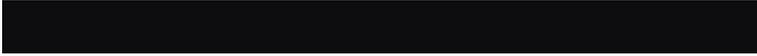
1051659



658957

# Complementary

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



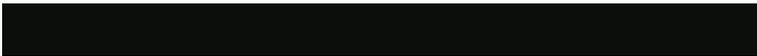
855312



1052685

# 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.



790027



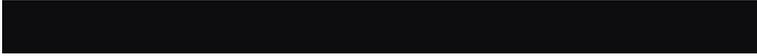
855312



986378

# Square

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



855312



1117196



855306



593422

# Rectangle

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



855312



1051662



855306



658956

# Sweetspot

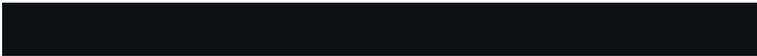
The Sweet Spot groups the original color and five complimentary colors.



855312



1250068



856080



592138



9079434



657930



# Same Dimension

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



855312



1052692



986384



460552



71



199



# Inverse Universe

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



1051920



1314836



987149



526088



4653127



13041863



# Previews

## White Background



This preview shows how the Decimal color 855312 looks on a white background.

### Color Contrast Check

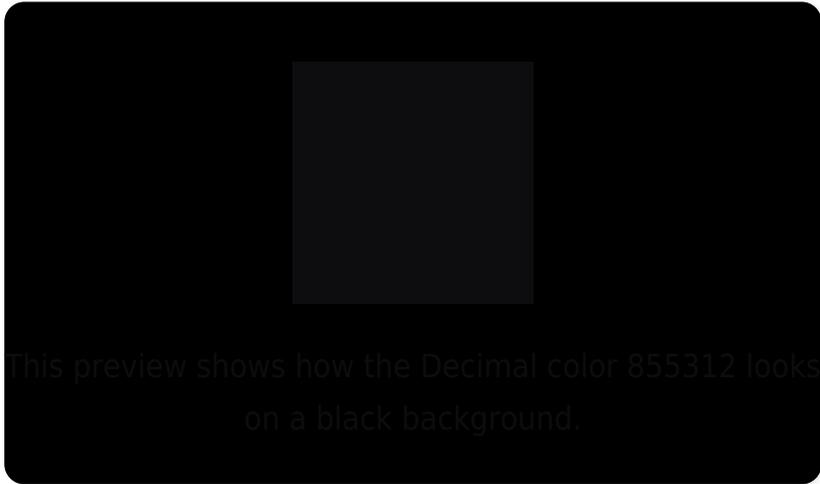
Large Text (above 18pt) WCAG AA ✓ Pass

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

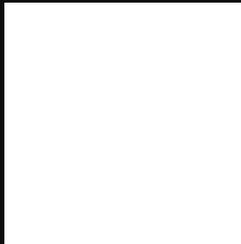
Any Text WCAG AAA × Fail

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

## Decimal 855312 Background



This preview shows how black text looks on a background with the Decimal color 855312.

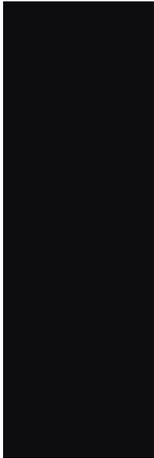


This preview shows how white text looks on a background with the Decimal color 855312.

# 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**  
855312

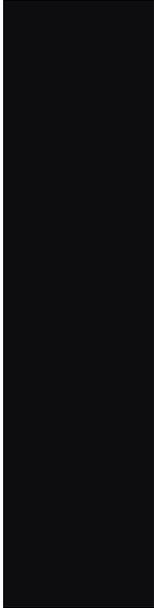
**Protanopia**  
855312

**Deuteranopia**  
855312



**Tritanopia**  
855310

# Trichromacy



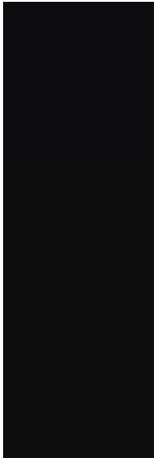
**Original Color**  
855312

**Protanomaly**  
855312

**Deuteranomaly**  
855312

**Tritanomaly**  
855311

# Monochromacy



**Original Color**  
855312

**Achromatopsia**  
855309

**Achromatomaly**  
855310

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 855312 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 #0D0D10 looks like.

```
.text, #text, p{  
    color:#0D0D10  
}
```

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 #0D0D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0D10
}
```

## Border

The CSS property to change the border of an element to Decimal 855312 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
#0D0D10 }
```

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

```
.border{ border-color:#0D0D10 }
```

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

Here you see how a box with a 4 pixel #0D0D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0D10; -webkit-box-shadow:4px 4px  
4px 4px #0D0D10; box-shadow:4px 4px 4px  
4px #0D0D10 }
```

# Background

The CSS property to change the background color of an element to Decimal 855312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0D10 }
```

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

```
.background{ background-color:#0D0D10 }
```

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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