

# Converting Colors

Decimal(1840138)

Have a look what the booklet for  
Decimal(1840138) contains.

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# Color

**Decimal(1840138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C140A
RGB	28, 20, 10
RGB Percent	11%, 8%, 4%
CMY	0.8902, 0.9216, 0.9608
CMYK	0.00, 0.29, 0.64, 0.89
HSL	33°, 47%, 7%
HSV	33°, 64%, 11%
XYZ	0.7838, 0.7691, 0.3943
YIQ	21.2520, 7.9780, -1.4140

# Conversions

## Conversions Part 2

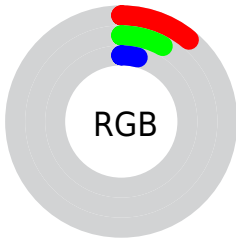
Format	Color
<a href="#">RYB</a>	<a href="#">24, 28, 10</a>
Decimal	<a href="#">1840138</a>
CIELab	<a href="#">6.95, 2.16, 6.34</a>
CIELCh	<a href="#">7, 6.697, 71.150</a>
Yxy	<a href="#">0.7691, 0.4025, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4280030218</a> ( <a href="#">0xFF1C140A</a> )
YUV	<a href="#">21.2520, -5.5472, 5.9180</a>
Hunter-Lab	<a href="#">8.7699, 0.6067, 3.4732</a>

# Details

The Decimal color **1840138** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **659996**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **4668982**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1839879**, and if you desaturate by 10%, it is **1840397**.

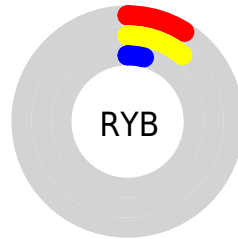
# Distribution



Red (11%)

Green (8%)

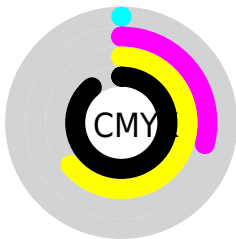
Blue (4%)



Red (9%)

Yellow (11%)

Blue (4%)

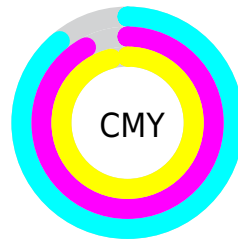


Cyan (0%)

Magenta (29%)

Yellow (64%)

Black (89%)



Cyan (89%)

Magenta (92%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1840138 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 1840138 by changing the saturation by 10% instead.



■ 1840138

■ 1840138

■ 16774378

■ 0

■ 4668982

■ 6247757

■ 7827045

■ 9537406

■ 11313560

■ 13089970

■ 14932174

■ 1840138

■ 1840138

■ 1839879

■ 1840397

■ 1839620

■ 1840656

■ 1839106

■ 1841170

■ 1839104

■ 1841429

■ 1841688

■ 1841947

■ 1842462

■ 1842720

■ 1842979

# Harmonies

## Analogous

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



1970958



1840138



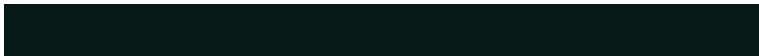
1578505

# Triad

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



1840138



464919



1578012

# Complementary

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



1840138



659996

# 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.



1185054



1840138



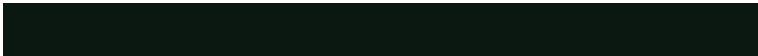
464923

# Square

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



1840138



727058



792350



1905176

# Rectangle

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



1840138



1316619



792350



1512477



# Sweetspot

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



1840138



2367773



1837586



1183758



9539985



1184274



# Same Dimension

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



1840138



2365192



1776650



855051



5057280



13398272



# Inverse Universe

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



659996



529444



723484



723981



8781

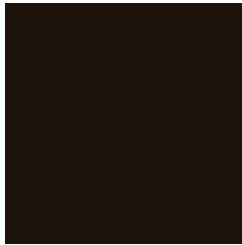


23500



# Previews

## White Background



This preview shows how the Decimal color 1840138 looks on a white background.

## Color Contrast Check

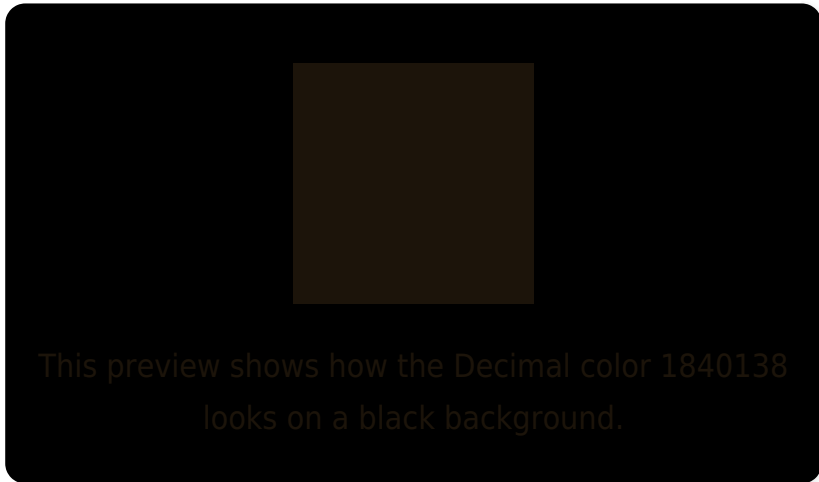
Large Text (above 18pt) WCAG AA ✓ Pass

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

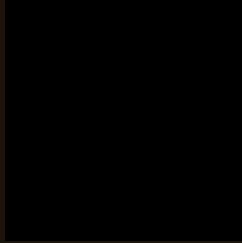
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1840138 Background



This preview shows how black text looks on a background with the Decimal color 1840138.



This preview shows how white text looks on a background with the Decimal color 1840138.

# 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](#).

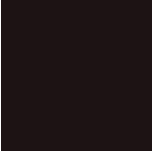
## Dichromacy



**Original Color**  
1840138

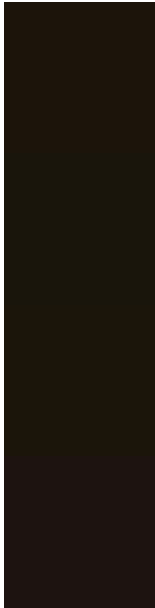
**Protanopia**  
1578507

**Deuteranopia**  
1774858



**Tritanopia**  
1905428

# Trichromacy



**Original Color**  
1840138

**Protanomaly**  
1643787

**Deuteranomaly**  
1774858

**Tritanomaly**  
1905424

# Monochromacy



**Original Color**  
1840138

**Achromatopsia**  
1381653

**Achromatomaly**  
1578257

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1840138 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 #1C140A looks like.

```
.text, #text, p{  
    color:#1C140A  
}
```

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 #1C140A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C140A
}
```

## Border

The CSS property to change the border of an element to Decimal 1840138 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
#1C140A }
```

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

```
.border{ border-color:#1C140A }
```

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

Here you see how a box with a 4 pixel #1C140A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C140A; -webkit-box-shadow:4px 4px  
4px 4px #1C140A; box-shadow:4px 4px 4px  
4px #1C140A }
```

# Background

The CSS property to change the background color of an element to Decimal 1840138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C140A }
```

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

```
.background{ background-color:#1C140A }
```

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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