

Converting Colors

Decimal(4112140)

Have a look what the booklet for
Decimal(4112140) contains.

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Color

Decimal(4112140)

Conversions

Conversions Part 1

Format	Color
Hex	3EBF0C
RGB	62, 191, 12
RGB Percent	24%, 75%, 5%
CMY	0.7569, 0.2510, 0.9529
CMYK	0.68, 0.00, 0.94, 0.25
HSL	103°, 88%, 40%
HSV	103°, 94%, 75%
XYZ	20.6838, 38.3123, 6.6527
YIQ	132.0230, -19.4250, -83.0170

Conversions

Conversions Part 2

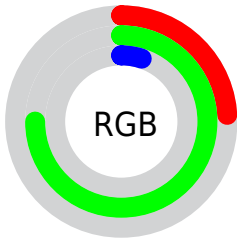
Format	Color
RYB	12, 191, 141
Decimal	4112140
CIELab	68.25, -62.40, 66.49
CIElCh	68, 91.183, 133.184
Yxy	38.3123, 0.3151, 0.5836
Android (android.graphics.Color)	4282302220 (0xFF3EBF0C)
YUV	132.0230, -59.1713, -61.4102
Hunter-Lab	61.8969, -48.6712, 36.9553

Details

The Decimal color **4112140** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9243839**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **8386643**, and **34816** is the 20% darker color. If you saturate the color by 10%, you get **3522304**, and if you desaturate by 10%, it is **5029663**.

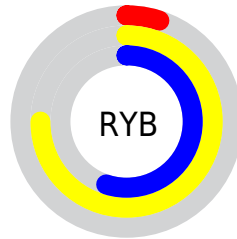
Distribution



Red (24%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (55%)

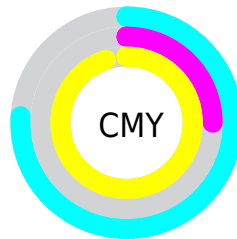


Cyan (68%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (76%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4112140 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 4112140 by changing the saturation by 10% instead.

 4112140

 4112140

16777215

 566016

 8386643

 34816

 10420079

 28160

 12386187

 21504

 14352295

 15104

 16383940

 8960

 16777185

 0

 4112140

 4112140

 3522304

 5029663

■ 5947186

■ 6799173

■ 7716696

■ 8634220

■ 9551743

■ 10403730

■ 11321253

■ 12238776

Harmonies

Analogous

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



10989056



4112140



51059

Triad

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



4112140



48639



16727942

Complementary

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



4112140



9243839

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.



16731608



4112140



42495

Square

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



4112140



51455



13991423



16738358

Rectangle

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



4112140



51885



13991423



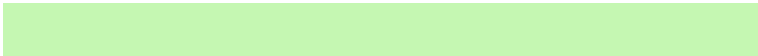
16726945

Sweetspot

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



4112140



12974002



12553228



6192466



16579836



8224125

Same Dimension

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



4112140



4585216



835379



5791317



2924032



597760

Inverse Universe

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



9243839



11665655



12520600



6051166



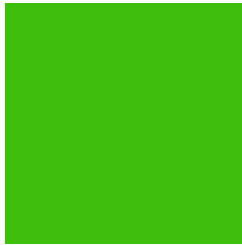
7471262



1441823

Previews

White Background



This preview shows how the Decimal color 4112140 looks on a white background.

Color Contrast Check

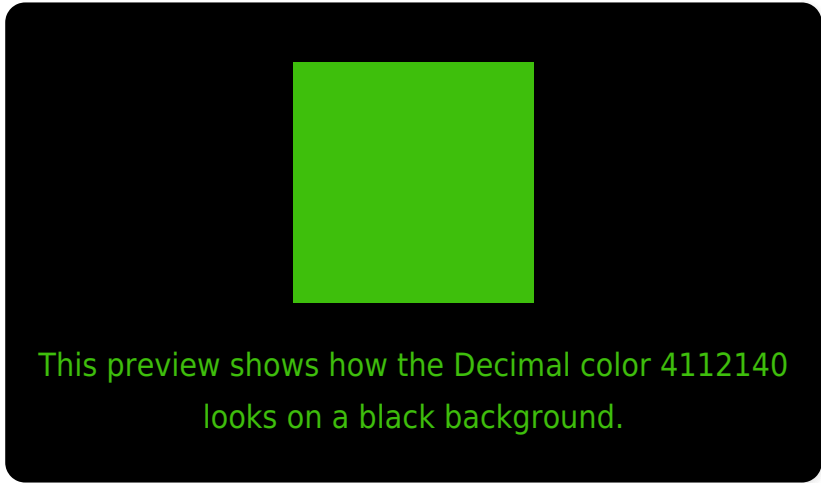
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

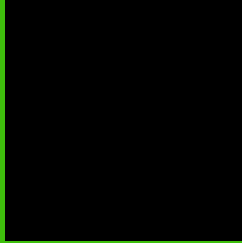
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 4112140 Background



This preview shows how black text looks on a background with the Decimal color 4112140.

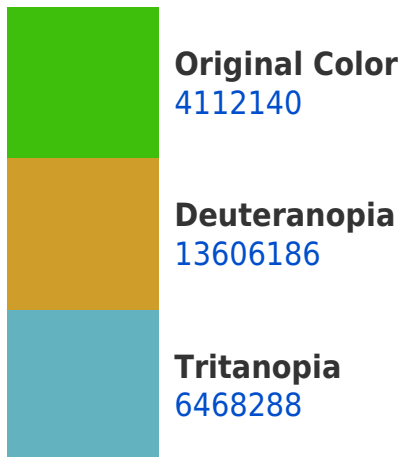


This preview shows how white text looks on a background with the Decimal color 4112140.

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



Trichromacy



Original Color

4112140



Deuteranomaly

10135839



Tritanomaly

5617535

Monochromacy



Original Color

4112140



Achromatopsia

8684676



Achromatomaly

7051608

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4112140 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 #3EBF0C looks like.

```
.text, #text, p{  
    color:#3EBF0C  
}
```

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 #3EBF0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EBF0C
}
```

Border

The CSS property to change the border of an element to Decimal 4112140 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
#3EBF0C }
```

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

```
.border{ border-color:#3EBF0C }
```

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

Here you see how a box with a 4 pixel #3EBF0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EBF0C; -webkit-box-shadow:4px 4px  
4px 4px #3EBF0C; box-shadow:4px 4px 4px  
4px #3EBF0C }
```

Background

The CSS property to change the background color of an element to Decimal 4112140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EBF0C }
```

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

```
.background{ background-color:#3EBF0C }
```

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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