

Converting Colors

Decimal(8240705)

Have a look what the booklet for
Decimal(8240705) contains.

Decimal(8240705)	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(8240705)

Conversions

Conversions Part 1

Format	Color
Hex	7DBE41
RGB	125, 190, 65
RGB Percent	49%, 75%, 25%
CMY	0.5098, 0.2549, 0.7451
CMYK	0.34, 0.00, 0.66, 0.25
HSL	91°, 49%, 50%
HSV	91°, 66%, 75%
XYZ	27.8250, 41.5685, 11.5580
YIQ	156.3150, 1.3850, -52.6550

Conversions

Conversions Part 2

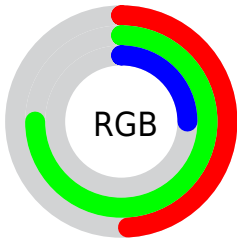
Format	Color
RYB	65, 190, 130
Decimal	8240705
CIELab	70.57, -41.16, 54.57
CIELCh	71, 68.348, 127.027
Yxy	41.5685, 0.3437, 0.5135
Android (android.graphics.Color)	4286430785 (0xFF7DBE41)
YUV	156.3150, -45.0183, -27.4633
Hunter-Lab	64.4737, -35.7933, 34.5028

Details

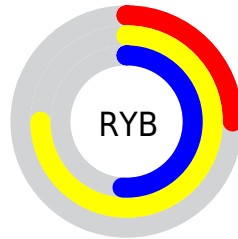
The Decimal color **8240705** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8536510**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **11925367**, and **4622336** is the 20% darker color. If you saturate the color by 10%, you get **7585326**, and if you desaturate by 10%, it is **8896084**.

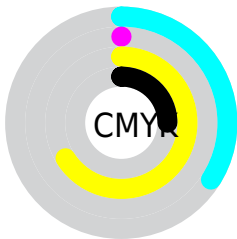
Distribution



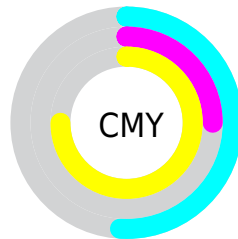
- Red (49%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (51%)



- Cyan (34%)
- Magenta (0%)
- Yellow (66%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8240705 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 8240705 by changing the saturation by 10% instead.

 8240705

 8240705

16777215

 6398757


 11925367

 4622336

 13827986

 2649600

 15794093

 152832

 16777162

 15616

 16777190

 10240

 1024

 0

 8240705

 8240705

■ 7585326

■ 8896084

■ 6929947

■ 9551463

■ 6274568

■ 10206842

■ 6012416

■ 10862221

■ 11452064

■ 12107443

■ 12762822

■ 13418201

■ 14073580

Harmonies

Analogous

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



12561951



8240705



51065

Triad

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



8240705



49407



16740768

Complementary

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



8240705



8536510

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.



16743390



8240705



3518463

Square

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



8240705



51446



12752639



16744037

Rectangle

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



8240705



51876



12752639



16740790

Sweetspot

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



8240705



14612422



12485185



7175519



16579836



8224125

Same Dimension

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



8240705



9631540



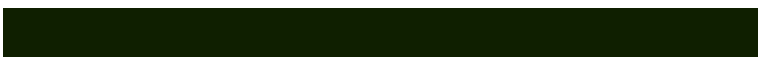
4308547



5856853



5021184



990976

Inverse Universe

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



8536510



10106103



12468668



5920094



5374110



1048607

Previews

White Background



This preview shows how the Decimal color 8240705 looks on a white background.

Color Contrast Check

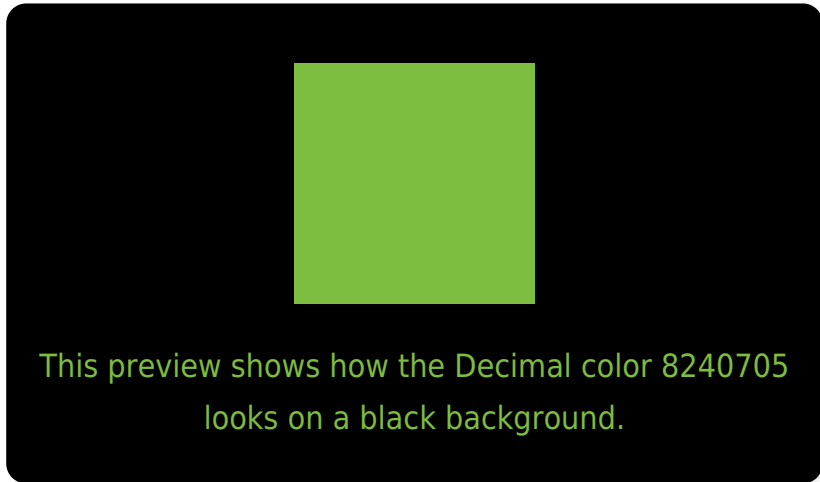
Large Text (above 18pt) WCAG AA × Fail

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 8240705 Background



This preview shows how black text looks on a background with the Decimal color 8240705.

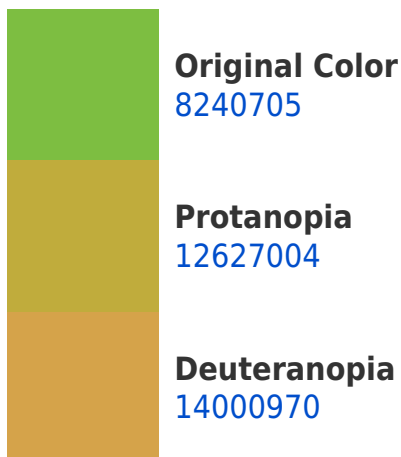


This preview shows how white text looks on a background with the Decimal color 8240705.

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





Tritanopia
9417408

Trichromacy



Original Color
8240705



Protanomaly
11055934



Deuteranomaly
11906375



Tritanomaly
8959634

Monochromacy



Original Color
8240705



Achromatopsia
10263708



Achromatomaly
9545851

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8240705 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 #7DBE41 looks like.

```
.text, #text, p{  
    color:#7DBE41  
}
```

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 #7DBE41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBE41
}
```

Border

The CSS property to change the border of an element to Decimal 8240705 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
#7DBE41 }
```

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

```
.border{ border-color:#7DBE41 }
```

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

Here you see how a box with a 4 pixel #7DBE41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBE41; -webkit-box-shadow:4px 4px  
4px 4px #7DBE41; box-shadow:4px 4px 4px  
4px #7DBE41 }
```

Background

The CSS property to change the background color of an element to Decimal 8240705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBE41 }
```

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

```
.background{ background-color:#7DBE41 }
```

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