

Converting Colors

Decimal(7454610)

Have a look what the booklet for
Decimal(7454610) contains.

Decimal(7454610)	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(7454610)

Conversions

Conversions Part 1

Format	Color
Hex	71BF92
RGB	113, 191, 146
RGB Percent	44%, 75%, 57%
CMY	0.5569, 0.2510, 0.4275
CMYK	0.41, 0.00, 0.24, 0.25
HSL	145°, 38%, 60%
HSV	145°, 41%, 75%
XYZ	30.6292, 42.8476, 33.8502
YIQ	162.5480, -32.0430, -30.5310

Conversions

Conversions Part 2

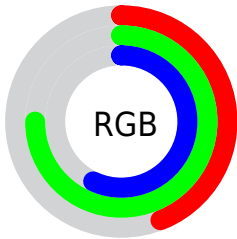
Format	Color
RYB	113, 168, 191
Decimal	7454610
CIELab	71.45, -34.15, 15.29
CIElCh	71, 37.417, 155.878
Yxy	42.8476, 0.2854, 0.3992
Android (android.graphics.Color)	4285644690 (0xFF71BF92)
YUV	162.5480, -8.1582, -43.4536
Hunter-Lab	65.4581, -31.0280, 15.1602

Details

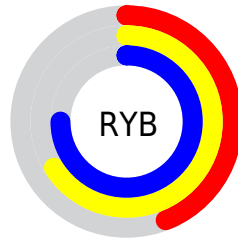
The Decimal color **7454610** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **12546462**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11073736**, and **3901791** is the 20% darker color. If you saturate the color by 10%, you get **6209415**, and if you desaturate by 10%, it is **8699805**.

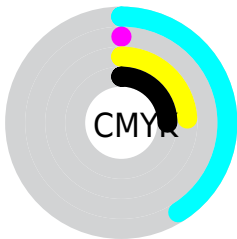
Distribution



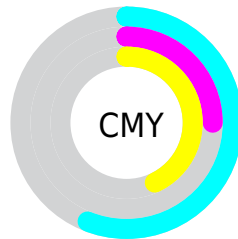
- Red (44%)
- Green (75%)
- Blue (57%)



- Red (44%)
- Yellow (66%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7454610 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 7454610 by changing the saturation by 10% instead.



7454610



7454610

16777215



5678200



11073736



3901791



12910564



1994567



14811135



22065

16711679



15899



10243



2560



0




7454610



7454610


 6209415

 8699805

 4964220

 9945000

 3719025

 11190195

 2473830

 12435390

 1228635

 13746121

 48977

 14991316

 16236511

 16760810

 16760821

Harmonies

Analogous

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



10140023



7454610



4440501

Triad

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



7454610



9023730



15702409

Complementary

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



7454610



12546462

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.



15832233



7454610



12362982

Square

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



7454610



5225196



14719436



14525297

Rectangle

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



7454610



2671052



14719436



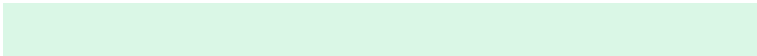
15832979

Sweetspot

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



7454610



14350310



10469233



7044467



16579836



8224125

Same Dimension

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



7454610



8320945



7454649



5594713



40515



7949

Inverse Universe

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



12546462



16219844



12546423



6182234



10354779



2031634

Previews

White Background



This preview shows how the Decimal color 7454610 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



This preview shows how the Decimal color 7454610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

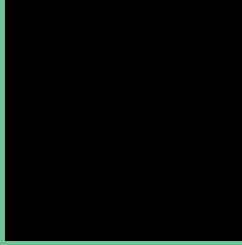
Any Text WCAG AA ✓ Pass

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 7454610 Background



This preview shows how black text looks on a background with the Decimal color 7454610.



This preview shows how white text looks on a background with the Decimal color 7454610.

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
8239303

Trichromacy



Original Color

7454610



Protanomaly

10466445



Deuteranomaly

11055253



Tritanomaly

7977908

Monochromacy



Original Color

7454610



Achromatopsia

10724259



Achromatomaly

9547165

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7454610 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 #71BF92 looks like.

```
.text, #text, p{  
    color:#71BF92  
}
```

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 #71BF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BF92
}
```

Border

The CSS property to change the border of an element to Decimal 7454610 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
#71BF92 }
```

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

```
.border{ border-color:#71BF92 }
```

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

Here you see how a box with a 4 pixel #71BF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BF92; -webkit-box-shadow:4px 4px  
4px 4px #71BF92; box-shadow:4px 4px 4px  
4px #71BF92 }
```

Background

The CSS property to change the background color of an element to Decimal 7454610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BF92 }
```

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

```
.background{ background-color:#71BF92 }
```

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