

Converting Colors

Decimal(14116310)

Have a look what the booklet for
Decimal(14116310) contains.

Decimal(14116310)	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(14116310)

Conversions

Conversions Part 1

Format	Color
Hex	D765D6
RGB	215, 101, 214
RGB Percent	84%, 40%, 84%
CMY	0.1569, 0.6039, 0.1608
CMYK	0.00, 0.53, 0.00, 0.16
HSL	301°, 59%, 62%
HSV	301°, 53%, 84%
XYZ	44.8156, 28.6095, 66.7785
YIQ	147.9680, 31.6710, 59.3110

Conversions

Conversions Part 2

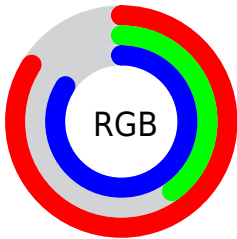
Format	Color
R _Y B	215, 101, 214
Decimal	14116310
CIE Lab	60.44, 59.70, -38.14
CIE LCh	60, 70.844, 327.429
Yxy	28.6095, 0.3196, 0.2041
Android (android.graphics.Color)	4292306390 (0xFFD765D6)
YUV	147.9680, 32.5538, 58.7871
Hunter-Lab	53.4878, 55.9553, -36.5809

Details

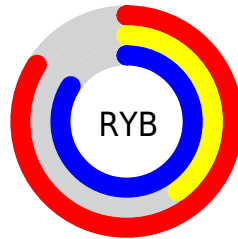
The Decimal color **14116310** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6674278**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16751871**, and **10366111** is the 20% darker color. If you saturate the color by 10%, you get **14110678**, and if you desaturate by 10%, it is **14121686**.

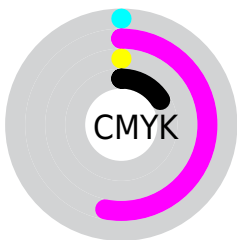
Distribution



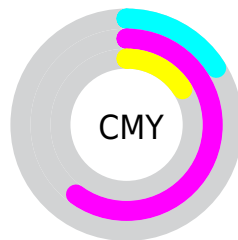
- Red (84%)
- Green (40%)
- Blue (84%)



- Red (84%)
- Yellow (40%)
- Blue (84%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14116310 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 14116310 by changing the saturation by 10% instead.

 14116310

 14116310

16777215

 12208570

 16751871

 10366111

 16759295

 8520068

 16766719

 6684779

 16774143

 4915282

 3407931

 1245220

 11

 0

 14116310

 14116310

 14110678

 14121686

 14105302

 14127318

 14099669

 14132695

 14094293

 14138327

 14090453

 14143959

 14149335

 14154967

 14155736

Harmonies

Analogous

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



8684543



14116310



16535450

Triad

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



14116310



11767040



44746

Complementary

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



14116310



6674278

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.



44682



14116310



7773952

Square

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



14116310



14840611



43338



43515

Rectangle

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



14116310



16732528



43338



44725

Sweetspot

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



14116310



16766719



6645207



8415103



0



8421504

Same Dimension

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



14116310



16735486



14116254



7037035



11206825



2818091

Inverse Universe

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



14116310



16735486



6674334



7037035



11206825



2818091

Previews

White Background



This preview shows how the Decimal color 14116310 looks on a white background.

Color Contrast Check

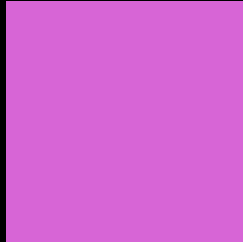
Large Text (above 18pt) WCAG AA ✓ Pass

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 14116310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

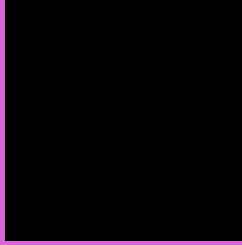
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 14116310 Background



This preview shows how black text looks on a background with the Decimal color 14116310.

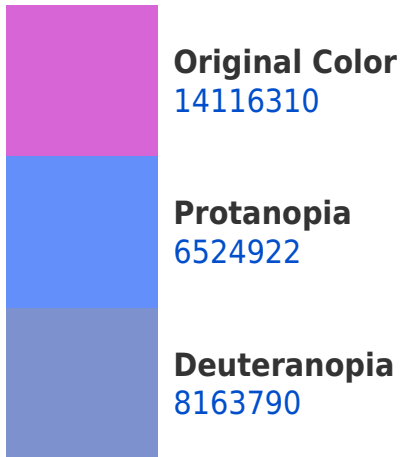


This preview shows how white text looks on a background with the Decimal color 14116310.

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
13466243

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14116310 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 #D765D6 looks like.

```
.text, #text, p{  
  color:#D765D6  
}
```

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 #D765D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D765D6
}
```

Border

The CSS property to change the border of an element to Decimal 14116310 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
#D765D6 }
```

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

```
.border{ border-color:#D765D6 }
```

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

Here you see how a box with a 4 pixel #D765D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D765D6; -webkit-box-shadow:4px 4px  
4px 4px #D765D6; box-shadow:4px 4px 4px  
4px #D765D6 }
```

Background

The CSS property to change the background color of an element to Decimal 14116310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D765D6 }
```

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

```
.background{ background-color:#D765D6 }
```

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