

Converting Colors

Decimal(14900949)

Have a look what the booklet for
Decimal(14900949) contains.

Decimal(14900949)	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(14900949)

Conversions

Conversions Part 1

Format	Color
Hex	E35ED5
RGB	227, 94, 213
RGB Percent	89%, 37%, 84%
CMY	0.1098, 0.6314, 0.1647
CMYK	0.00, 0.59, 0.06, 0.11
HSL	306°, 70%, 63%
HSV	306°, 59%, 89%
XYZ	47.6915, 29.1404, 66.0618
YIQ	147.3330, 41.0690, 65.2050

Conversions

Conversions Part 2

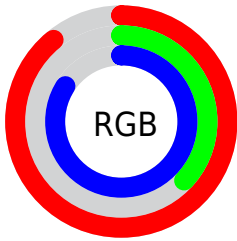
Format	Color
R _{YB}	227, 94, 213
Decimal	14900949
CIE _{Lab}	60.91, 65.83, -36.72
CIE _{LCh}	61, 75.377, 330.848
Yxy	29.1404, 0.3338, 0.2039
Android (android.graphics.Color)	4293091029 (0xFFE35ED5)
YUV	147.3330, 32.3738, 69.8680
Hunter-Lab	53.9818, 63.2317, -34.7705

Details

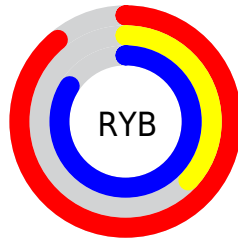
The Decimal color **14900949** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **6218604**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16750591**, and **11083678** is the 20% darker color. If you saturate the color by 10%, you get **14895059**, and if you desaturate by 10%, it is **14906839**.

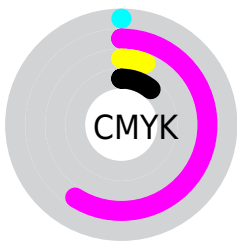
Distribution



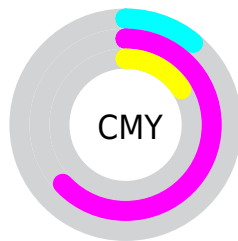
- Red (89%)
- Green (37%)
- Blue (84%)



- Red (89%)
- Yellow (37%)
- Blue (84%)



- Cyan (0%)
- Magenta (59%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14900949 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 14900949 by changing the saturation by 10% instead.

 14900949

 14900949

16777215

 12927417

 16750591

 11083678

 16757759

 9175171

 16765183

 7340138

 16772863

 5570641

 3932218

 1966115

 9

 0

■ 14900949

■ 14900949

■ 14895059

■ 14906839

■ 14889424

■ 14912474

■ 14883534

■ 14918364

■ 14877643

■ 14924255

■ 14876875

■ 14930145

■ 14935779

■ 14941670

■ 14942184

■ 14942187

Harmonies

Analogous

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



9470207



14900949



16730004

Triad

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



14900949



11505920



45270

Complementary

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



14900949



6218604

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.



45203



14900949



7119360

Square

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



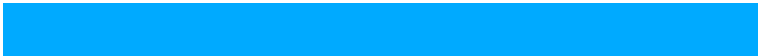
14900949



14841358



44110



43775

Rectangle

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



14900949



16731496



44110



45505

Sweetspot

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



14900949



16765434



7036643



8414077



0



8421504

Same Dimension

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



14900949



16731628



14900883



7563122



11731104



3342382

Inverse Universe

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



14900949



16731628



6218670



7563122



11731104



3342382

Previews

White Background



This preview shows how the Decimal color 14900949 looks on a white background.

Color Contrast Check

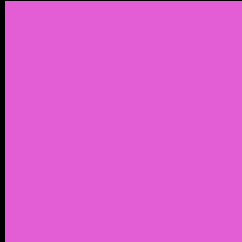
Large Text (above 18pt) WCAG AA ✓ Pass

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 14900949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

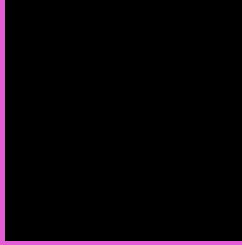
Any Text WCAG AA ✓ Pass

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 14900949 Background



This preview shows how black text looks on a background with the Decimal color 14900949.




This preview shows how white text looks on a background with the Decimal color 14900949.

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
14251390

Trichromacy



Original Color
14900949



Protanomaly
9535216



Deuteranomaly
10780623



Tritanomaly
14511518

Monochromacy



Original Color
14900949



Achromatopsia
9671571



Achromatomaly
11567275

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14900949 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 #E35ED5 looks like.

```
.text, #text, p{  
    color:#E35ED5  
}
```

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 #E35ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35ED5
}
```

Border

The CSS property to change the border of an element to Decimal 14900949 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
#E35ED5 }
```

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

```
.border{ border-color:#E35ED5 }
```

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

Here you see how a box with a 4 pixel #E35ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35ED5; -webkit-box-shadow:4px 4px  
4px 4px #E35ED5; box-shadow:4px 4px 4px  
4px #E35ED5 }
```

Background

The CSS property to change the background color of an element to Decimal 14900949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35ED5 }
```

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

```
.background{ background-color:#E35ED5 }
```

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