

Converting Colors

Decimal(1995414)

Have a look what the booklet for
Decimal(1995414) contains.

Decimal(1995414)	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(1995414)

Conversions

Conversions Part 1

Format	Color
Hex	1E7296
RGB	30, 114, 150
RGB Percent	12%, 45%, 59%
CMY	0.8824, 0.5529, 0.4118
CMYK	0.80, 0.24, 0.00, 0.41
HSL	198°, 67%, 35%
HSV	198°, 80%, 59%
XYZ	12.0578, 14.5127, 31.0199
YIQ	92.9880, -61.6200, -6.6120

Conversions

Conversions Part 2

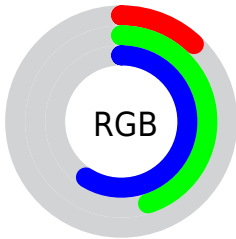
Format	Color
R_{YB}	30, 79, 150
Decimal	1995414
CIE _{Lab}	44.96, -11.52, -26.50
CIE _{LCh}	45, 28.894, 246.501
Yxy	14.5127, 0.2094, 0.2520
Android (android.graphics.Color)	4280185494 (0xFF1E7296)
YUV	92.9880, 28.1069, -55.2405
Hunter-Lab	38.0955, -10.1693, -21.6110

Details

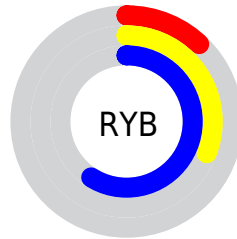
The Decimal color **1995414** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9847326**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **6268620**, and **16995** is the 20% darker color. If you saturate the color by 10%, you get **1011094**, and if you desaturate by 10%, it is **2979478**.

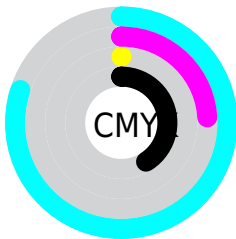
Distribution



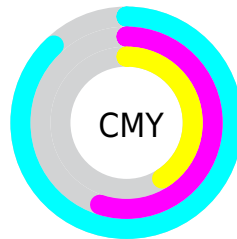
- Red (12%)
- Green (45%)
- Blue (59%)



- Red (12%)
- Yellow (31%)
- Blue (59%)



- Cyan (80%)
- Magenta (24%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1995414 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 1995414 by changing the saturation by 10% instead.

■ 1995414

■ 1995414

16777215

■ 22908

■ 6268620

■ 16995

■ 8110569

■ 11339

■ 10018303

■ 6196

■ 11860479

■ 543

■ 13828095

■ 1

■ 15728639

■ 0

■ 1995414

■ 1995414

■ 1011094

■ 2979478

■ 27030

■ 3963798

■ 4947862

■ 5932182

■ 6916502

■ 7900566

■ 8884886

■ 9868950

■ 10853270

Harmonies

Analogous

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



30342



1995414



5204890

Triad

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



1995414



9983846



5992771

Complementary

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



1995414



9847326

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.



7695162



1995414



9853775

Square

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



1995414



9263742



9069119



4027990

Rectangle

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



1995414



6907285



9069119



6582078

Sweetspot

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



1995414



9680066



2004546



4544609



14737632



6381921

Same Dimension

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



1995414



559810



1980054



4409418



24714



1802

Inverse Universe

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



9838194



12716170



9862686



4866888



9044064



655367

Previews

White Background



This preview shows how the Decimal color 1995414 looks on a white background.

Color Contrast Check

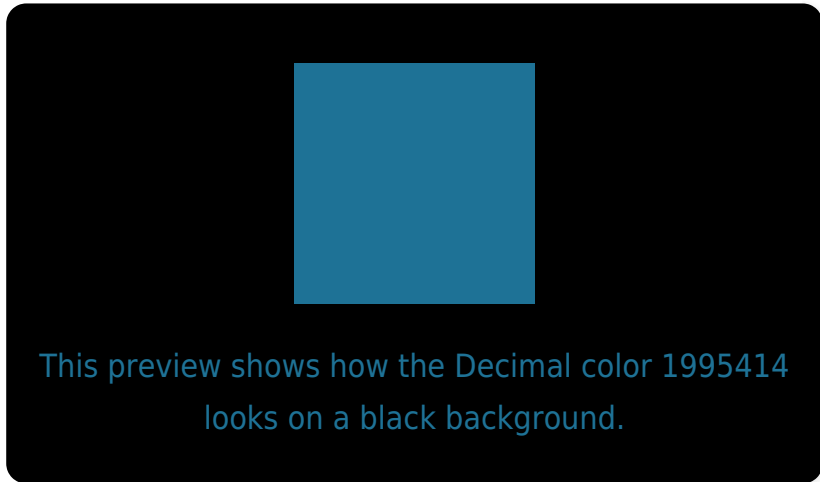
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

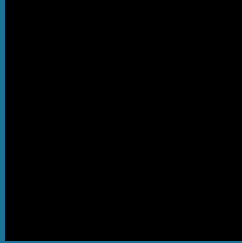
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 1995414 Background



This preview shows how black text looks on a background with the Decimal color 1995414.



This preview shows how white text looks on a background with the Decimal color 1995414.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1995414 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 #1E7296 looks like.

```
.text, #text, p{  
    color:#1E7296  
}
```

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 #1E7296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7296
}
```

Border

The CSS property to change the border of an element to Decimal 1995414 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
#1E7296 }
```

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

```
.border{ border-color:#1E7296 }
```

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

Here you see how a box with a 4 pixel #1E7296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7296; -webkit-box-shadow:4px 4px  
4px 4px #1E7296; box-shadow:4px 4px 4px  
4px #1E7296 }
```

Background

The CSS property to change the background color of an element to Decimal 1995414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7296 }
```

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

```
.background{ background-color:#1E7296 }
```

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