

Converting Colors

Hex(1644DE)

Have a look what the booklet for
Hex(1644DE) contains.

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Color

Hex(1644DE)

Conversions

Conversions Part 1

Format	Color
Hex	1644DE
RGB	22, 68, 222
RGB Percent	9%, 27%, 87%
CMY	0.9137, 0.7333, 0.1294
CMYK	0.90, 0.69, 0.00, 0.13
HSL	226°, 82%, 48%
HSV	226°, 90%, 87%
XYZ	15.5828, 9.5787, 70.1348
YIQ	71.8020, -76.8500, 38.1420

Conversions

Conversions Part 2

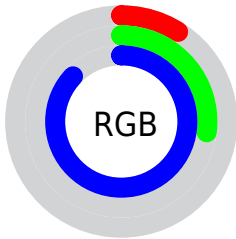
Format	Color
RYB	22, 59, 222
Decimal	1459422
CIELab	37.08, 44.88, -81.22
CIELCh	37, 92.792, 298.927
Yxy	9.5787, 0.1635, 0.1005
Android (android.graphics.Color)	4279649502 (0xFF1644DE)
YUV	71.8020, 74.0476, -43.6764
Hunter-Lab	30.9495, 35.7114, -112.6925

Details

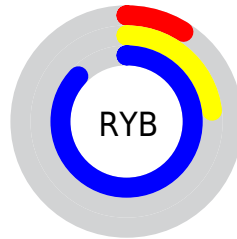
The Hex color **1644DE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DEB016**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6F74FF**, and **0019A5** is the 20% darker color. If you saturate the color by 10%, you get **0033DE**, and if you desaturate by 10%, it is **2C55DE**.

Distribution



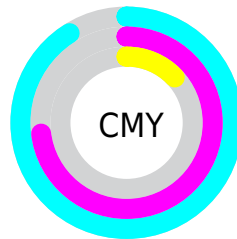
- Red (9%)
- Green (27%)
- Blue (87%)



- Red (9%)
- Yellow (23%)
- Blue (87%)



- Cyan (90%)
- Magenta (69%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (73%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1644DE 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 Hex color 1644DE by changing the saturation by 10% instead.

 1644DE

 1644DE

FFFFFF

 002EC1

 6F74FF

 0019A5

 908EFF

 00088A

 B0A9FF

 000070

 D0C4FF

 000C56

 EFE0FF

 00063E

 FFFDFF

 000327

 000110

 000000

■ 1644DE

■ 1644DE

■ 0033DE

■ 2C55DE

■ 4266DE

■ 5977DE

■ 6F88DE

■ 8599DE

■ 9BABDE

■ B1BCDE

■ C8CDDE

■ DEDEDE

Harmonies

Analogous

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



0065F2



1644DE



A800A6

Triad

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



1644DE



A52B00



007153

Complementary

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



1644DE



DEB016

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.



006E00



1644DE



6E5400

Square

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



1644DE



C80015



126600



00739F

Rectangle

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



1644DE



C70076



126600



007038

Sweetspot

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



1644DE



BACAFF



16DEAF



576080



000000



808080

Same Dimension

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



1644DE



003BFF



4B16DE



656870



0028B0



000B30

Inverse Universe

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



DE1644



FF003B



A9DE16



706568



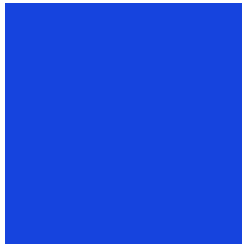
B00028



30000B

Previews

White Background



This preview shows how the Hex color 1644DE looks on a white background.

Color Contrast Check

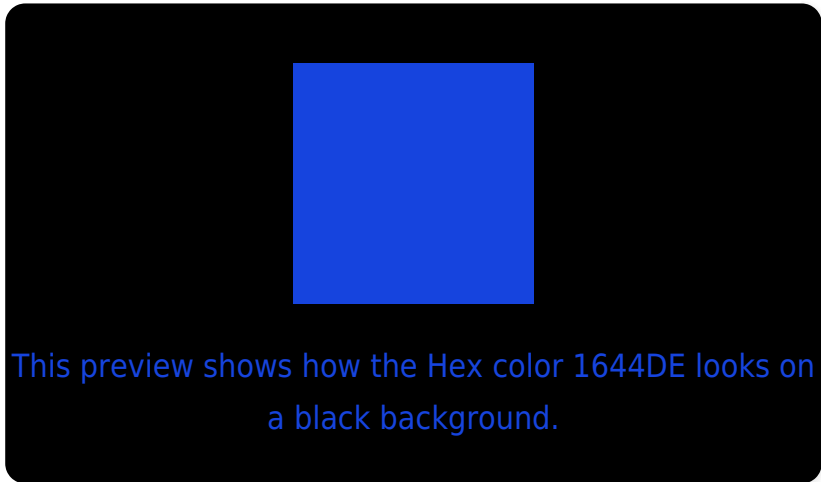
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

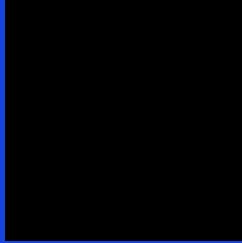
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1644DE Background



This preview shows how black text looks on a background with the Hex color 1644DE.

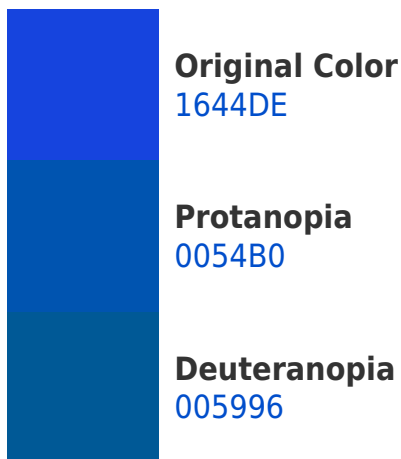


This preview shows how white text looks on a background with the Hex color 1644DE.

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



Original Color
1644DE

Protanomaly
084EC1

Deuteranomaly
0851B0

Tritanomaly
085691

Monochromacy



Original Color
1644DE

Achromatopsia
484848

Achromatomaly
36477F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1644DE 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 #1644DE looks like.

```
.text, #text, p{  
    color:#1644DE  
}
```

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 #1644DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1644DE
}
```

Border

The CSS property to change the border of an element to Hex 1644DE 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
#1644DE }
```

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

```
.border{ border-color:#1644DE }
```

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

Here you see how a box with a 4 pixel #1644DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1644DE; -webkit-box-shadow:4px 4px  
4px 4px #1644DE; box-shadow:4px 4px 4px  
4px #1644DE }
```

Background

The CSS property to change the background color of an element to Hex 1644DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1644DE }
```

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

```
.background{ background-color:#1644DE }
```

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](#).

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