

Converting Colors

Hex(2014DE)

Have a look what the booklet for
Hex(2014DE) contains.

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Color

Hex(2014DE)

Conversions

Conversions Part 1

Format	Color
Hex	2014DE
RGB	32, 20, 222
RGB Percent	13%, 8%, 87%
CMY	0.8745, 0.9216, 0.1294
CMYK	0.86, 0.91, 0.00, 0.13
HSL	244°, 83%, 47%
HSV	244°, 91%, 87%
XYZ	14.0306, 6.0813, 69.5416
YIQ	46.6160, -57.6900, 65.3660

Conversions

Conversions Part 2

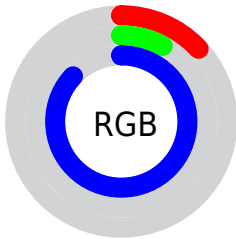
Format	Color
R_{YB}	32, 20, 222
Decimal	2102494
CIE _{Lab}	29.62, 67.63, -93.59
CIE _{LCh}	30, 115.464, 305.852
Yxy	6.0813, 0.1565, 0.0678
Android (android.graphics.Color)	4280292574 (0xFF2014DE)
YUV	46.6160, 86.4643, -12.8182
Hunter-Lab	24.6603, 58.4031, -149.9343

Details

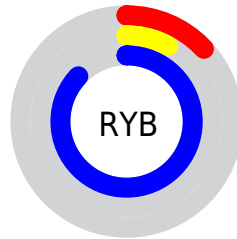
The Hex color **2014DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D2DE14**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **774CFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **0D00DE**, and if you desaturate by 10%, it is **352ADE**.

Distribution



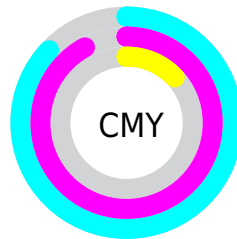
- Red (13%)
- Green (8%)
- Blue (87%)



- Red (13%)
- Yellow (8%)
- Blue (87%)



- Cyan (86%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (92%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2014DE 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 2014DE by changing the saturation by 10% instead.

 2014DE

 2014DE

FFFFFF

 0000C1

 774CFF

 0000A5

 9866FF

 00008A

 B881FF

 00036F

 D89CFF

 000C55

 F8B8FF

 00063D

 FFD5FF

 000326

 FFF2FF

 00010F

 000000

■ 2014DE

■ 2014DE

■ 0D00DE

■ 352ADE

■ 4A40DE

■ 5F57DE

■ 746DDE

■ 8883DE

■ 9D99DE

■ B2AFDE

■ C7C6DE

■ DCDCDE

Harmonies

Analogous

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



0054FF



2014DE



B30092

Triad

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



2014DE



8C1400



005F56

Complementary

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



2014DE



D2DE14

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.



005D00



2014DE



474900

Square

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



2014DE



BD0000



005800



0063B1

Rectangle

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



2014DE



CD0057



005800



005E37

Sweetspot

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



2014DE



BEBAFF



14D4DE



595780



000000



808080

Same Dimension

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



2014DE



0F00FF



8314DE



666570



0A00B0



030030

Inverse Universe

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



DE14D2



FF00F0



6FDE14



706570



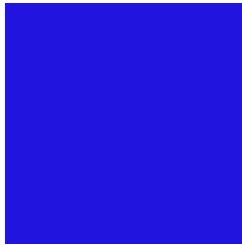
B000A5



30002E

Previews

White Background



This preview shows how the Hex color 2014DE looks on a white background.

Color Contrast Check

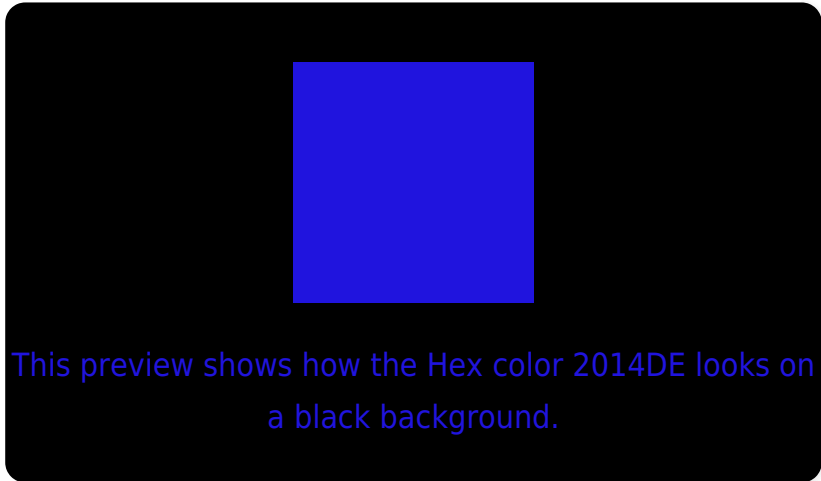
Large Text (above 18pt) WCAG AA ✓ Pass

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

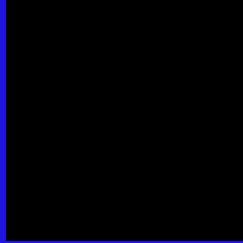
Any Text WCAG AA × Fail

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 2014DE Background



This preview shows how black text looks on a background with the Hex color 2014DE.




This preview shows how white text looks on a background with the Hex color 2014DE.

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
004E51

Trichromacy



Original Color
2014DE

Protanomaly
0C33AB

Deuteranomaly
0C359D

Tritanomaly
0C3984

Monochromacy



Original Color
2014DE

Achromatopsia
2F2F2F

Achromatomaly
2A256F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2014DE 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 #2014DE looks like.

```
.text, #text, p{  
  color:#2014DE  
}
```

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 #2014DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2014DE
}
```

Border

The CSS property to change the border of an element to Hex 2014DE 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
#2014DE }
```

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

```
.border{ border-color:#2014DE }
```

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

Here you see how a box with a 4 pixel #2014DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2014DE; -webkit-box-shadow:4px 4px  
4px 4px #2014DE; box-shadow:4px 4px 4px  
4px #2014DE }
```

Background

The CSS property to change the background color of an element to Hex 2014DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2014DE }
```

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

```
.background{ background-color:#2014DE }
```

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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