

Converting Colors

Hex(14E618)

Have a look what the booklet for
Hex(14E618) contains.

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Color

Hex(14E618)

Conversions

Conversions Part 1

Format	Color
Hex	14E618
RGB	20, 230, 24
RGB Percent	8%, 90%, 9%
CMY	0.9216, 0.0980, 0.9059
CMYK	0.91, 0.00, 0.90, 0.10
HSL	121°, 84%, 49%
HSV	121°, 91%, 90%
XYZ	28.7502, 56.8083, 10.3140
YIQ	143.7260, -59.0340, -108.5860

Conversions

Conversions Part 2

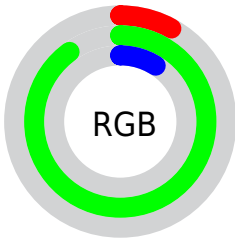
Format	Color
RYB	20, 226, 230
Decimal	1369624
CIELab	80.07, -78.46, 74.47
CIELCh	80, 108.178, 136.496
Yxy	56.8083, 0.2999, 0.5925
Android (android.graphics.Color)	4279559704 (0xFF14E618)
YUV	143.7260, -59.0249, -108.5077
Hunter-Lab	75.3713, -63.8114, 44.6465

Details

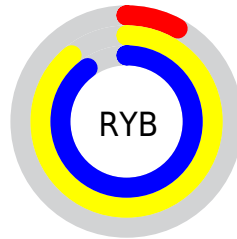
The Hex color **14E618** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E614E2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **74FF5E**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **00E604**, and if you desaturate by 10%, it is **2BE62F**.

Distribution



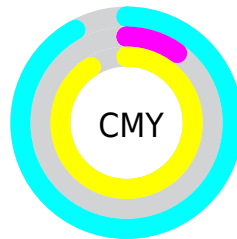
- Red (8%)
- Green (90%)
- Blue (9%)



- Red (8%)
- Yellow (89%)
- Blue (90%)



- Cyan (91%)
- Magenta (0%)
- Yellow (90%)
- Black (10%)



- Cyan (92%)
- Magenta (10%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14E618 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 14E618 by changing the saturation by 10% instead.

 14E618

 14E618


FFFFFF

 00C900

 74FF5E

 00AD00

 96FF7C

 009100

 B7FF99

 007600

 D7FFB6

 005B00

 F7FFD3

 004200

 FFFFF1

 002800

 000000

 14E618

 14E618

 00E604

 2BE62F

 42E645

 59E65C

 70E672

 87E689

 9EE69F

 B5E6B6

 CCE6CC

 E3E6E3

Harmonies

Analogous

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



BBD300



14E618



00EF94

Triad

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



14E618



00E0FF



FF4394

Complementary

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



14E618



E614E2

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.



FF4DF9



14E618



00C0FF

Square

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



14E618



00EFFF



FF8CFF



FF7E2F

Rectangle

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



14E618



00F2DB



FF8CFF



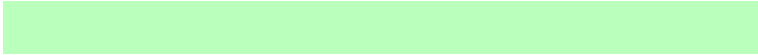
FF39B5

Sweetspot

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



14E618



BAFFBB



E3E614



578057



000000



808080

Same Dimension

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



14E618



00FF05



14E681



677367



00B303



003301

Inverse Universe

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



E614E2



FF00FA



E6147A



736773



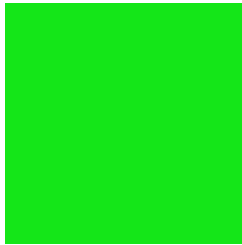
B300AF



330032

Previews

White Background



This preview shows how the Hex color 14E618 looks on a white 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

Black Background



This preview shows how the Hex color 14E618 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

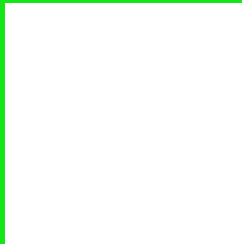
Any Text WCAG AAA ✓ Pass

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

Hex 14E618 Background



This preview shows how black text looks on a background with the Hex color 14E618.



This preview shows how white text looks on a background with the Hex color 14E618.

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](#).

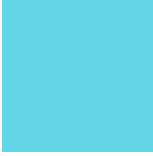
Dichromacy



Original Color
14E618

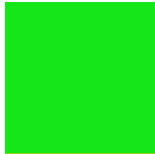
Protanopia
DEC507

Deuteranopia
F7BB36



Tritanopia
62D6E7

Trichromacy



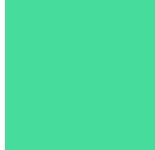
Original Color
14E618



Protanomaly
95D10D

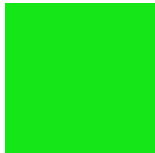


Deuteranomaly
A4CB2B



Tritanomaly
46DC9C

Monochromacy



Original Color
14E618



Achromatopsia
909090



Achromatomaly
63AF64

CSS Examples

Text

The CSS property to change the color of the text to Hex 14E618 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 #14E618 looks like.

```
.text, #text, p{  
    color:#14E618  
}
```

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 #14E618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14E618
}
```

Border

The CSS property to change the border of an element to Hex 14E618 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
#14E618 }
```

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

```
.border{ border-color:#14E618 }
```

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

Here you see how a box with a 4 pixel #14E618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14E618; -webkit-box-shadow:4px 4px  
4px 4px #14E618; box-shadow:4px 4px 4px  
4px #14E618 }
```

Background

The CSS property to change the background color of an element to Hex 14E618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14E618 }
```

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

```
.background{ background-color:#14E618 }
```

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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