

Converting Colors

HunterLab(33.6852, -2.9924,
-14.6367)

Have a look what the booklet for
HunterLab(33.6852, -2.9924,
-14.6367) contains.

HunterLab(33.6852, -2.9924, -14.6367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.6852, -2.9924,
-14.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	45617F
RGB	69, 97, 127
RGB Percent	27%, 38%, 50%
CMY	0.7294, 0.6196, 0.5020
CMYK	0.46, 0.24, 0.00, 0.50
HSL	211°, 30%, 38%
HSV	211°, 46%, 50%
XYZ	10.5597, 11.3469, 21.7123
YIQ	92.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

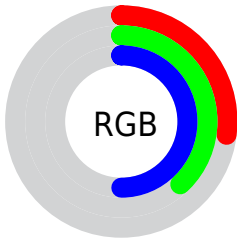
Format	Color
RYB	69, 88, 127
Decimal	4546943
CIELab	40.16, -1.70, -20.02
CIElCh	40, 20.091, 265.156
Yxy	11.3474, 0.2421, 0.2601
Android (android.graphics.Color)	4282737023 (0xFF45617F)
YUV	92.0480, 17.2313, -20.2131
Hunter-Lab	33.6852, -2.9924, -14.6367

Details

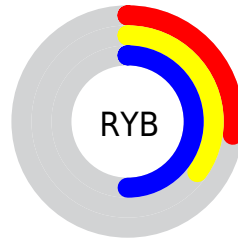
The HunterLab color $[33.6852, -2.9924, -14.6367]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[37.2368, 3.3309, 14.0381]$, and the grayscale version is $[32.6781, -1.7436, 1.7755]$.

A 20% lighter version of the original color is $[53.0620, -3.9899, -15.6214]$, and $[17.4267, -1.9174, -13.8179]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.2528, -2.3098, -18.8745]$, and if you desaturate by 10%, it is $[36.2316, -3.3402, -10.5902]$.

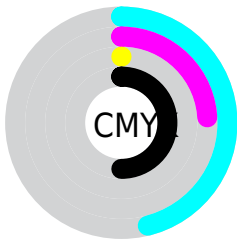
Distribution



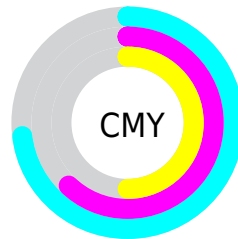
- Red (27%)
- Green (38%)
- Blue (50%)



- Red (27%)
- Yellow (35%)
- Blue (50%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6852, -2.9924, -14.6367 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 HunterLab color 33.6852, -2.9924, -14.6367 by changing the saturation by 10% instead.

■ 33.6852, -2.9924,
-14.6367

■ 33.6852, -2.9924,
-14.6367

■ 141.4339, -9.4876,
-15.8363

■ 25.1017, -2.4210,
-14.1965

■ 53.1984, -4.2336,
-15.3286

■ 17.4039, -1.8834,
-13.7237

■ 64.0129, -4.9007,
-15.5756

■ 10.7092, -1.3799,
-13.3138

■ 75.4746, -5.5973,
-15.7590

■ 1.3286, -2.3251,
-65.7399

■ 87.5490, -6.3222,
-15.8822

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.2063, -7.0746,
-15.9484

0.0000, NaN, NaN

113.4208, -7.8535,

0.0000, NaN, NaN

-15.9609

0.0000, NaN, NaN

127.1700, -8.6581,
-15.9227

■ 33.6852, -2.9924,
-14.6367

■ 33.6852, -2.9924,
-14.6367

■ 31.2528, -2.3098,
-18.8745

■ 36.2316, -3.3402,
-10.5902

■ 28.9457, -1.2456,
-23.3136

■ 38.8786, -3.3960,
-6.7231

■ 26.7791, 0.2460,
-27.9500

■ 41.6165, -3.1985,
-3.0180

■ 24.7680, 2.2027,
-32.7647

■ 44.4368, -2.7812,
0.5426

■ 22.9179, 4.6156,
-37.7426

■ 47.3319, -2.1726,
3.9759

■ 22.1429, 5.7175,
-40.0191

■ 50.2954, -1.3971,
7.2975

■ 53.3217, -0.4753,
10.5219

■ 56.4060, 0.5757,
13.6616

■ 59.5442, 1.7410,
16.7281

Harmonies

Analogous

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



33.6858, -9.5502, -11.2756



33.6852, -2.9924, -14.6367



33.6858, 4.4657, -12.8649

Triad

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



33.6858, -2.9925, -14.6360



33.6858, 12.0734, 7.0953



33.6858, -12.7007, 8.6872

Complementary

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



33.6852, -2.9924, -14.6367



37.2368, 3.3309, 14.0381

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.



33.6858, -7.6373, 11.9294



33.6852, -2.9924, -14.6367



33.6858, 6.7230, 11.1589

Square

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



33.6858, -2.9925, -14.6360



33.6858, 13.5853, 0.6703



33.6858, -0.5890, 12.7256



33.6858, -14.8384, 2.9569

Rectangle

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



33.6852, -2.9924, -14.6367



33.6858, 8.8959, -9.1774



33.6858, -0.5890, 12.7256



33.6858, -11.3068, 10.0510

Sweetspot

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



33.6858, -2.9925, -14.6360



56.1881, -4.2218, -3.3923



41.6467, -20.1868, 8.5152



26.8546, -2.0813, -2.0749



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.6858, -2.9925, -14.6360



41.6187, -3.0155, -25.6308



26.6268, 10.2691, -28.1227



21.2781, -1.4431, -0.3256



22.2307, 5.7541, -40.2079

0.0000, NaN, NaN

Inverse Universe

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



31.0351, 20.6805, -2.1205



37.9191, 34.6964, -3.1179



44.7737, -9.4917, 19.9670



20.9192, 0.9996, 0.6131

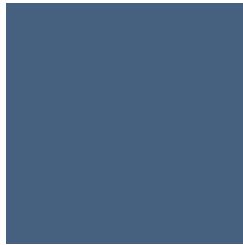


22.1211, 39.4330, 2.2784

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.6852, -2.9924, -14.6367 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



This preview shows how the HunterLab color 33.6852, -2.9924, -14.6367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

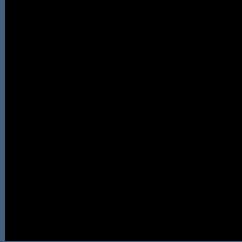
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

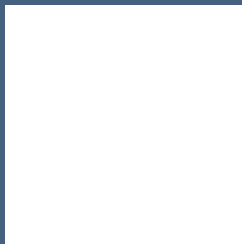
Any Text WCAG AAA ✗ Fail

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

HunterLab 33.6852, -2.9924, -14.6367 Background



This preview shows how black text looks on a background with the HunterLab color 33.6852, -2.9924, -14.6367.

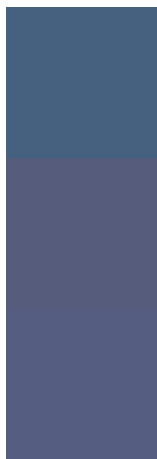


This preview shows how white text looks on a background with the HunterLab color 33.6852, -2.9924, -14.6367.

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

33.6852, -2.9924, -14.6367

Protanopia

33.5595, 1.8545, -12.9775

Deuteranopia

33.6430, 2.4426, -15.2170



Tritanopia

33.5962, -8.9655, -4.4928

Trichromacy



Original Color

33.6852, -2.9924, -14.6367

Protanomaly

33.4538, 0.2163, -13.7683

Deuteranomaly

33.5055, 0.6253, -15.4812

Tritanomaly

33.6448, -6.8687, -7.9713

Monochromacy



Original Color

33.6852, -2.9924, -14.6367

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.0305, -2.6348, -3.6824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6852, -2.9924, -14.6367 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 `rgb(69, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 127)  
}
```

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 rgb(69, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6852, -2.9924, -14.6367 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 rgb(69, 97, 127) }
```


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

```
.border{ border-color:rgb(69, 97, 127) }
```

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

Here you see how a box with a 4 pixel rgb(69, 97, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(69, 97,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6852, -2.9924, -14.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 97, 127) }
```

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

```
.background{ background-color: rgb(69, 97,  
127) }
```

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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