

Converting Colors

HunterLab(37.8818, -3.8582,
-14.4778)

Have a look what the booklet for
HunterLab(37.8818, -3.8582,
-14.4778) contains.

HunterLab(37.9928, -4.0920, -14.1839)	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(37.9928, -4.0920,
-14.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6D8A
RGB	79, 109, 138
RGB Percent	31%, 43%, 54%
CMY	0.6902, 0.5725, 0.4588
CMYK	0.43, 0.21, 0.00, 0.46
HSL	209°, 27%, 43%
HSV	209°, 43%, 54%
XYZ	13.2805, 14.4345, 26.1309
YIQ	103.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

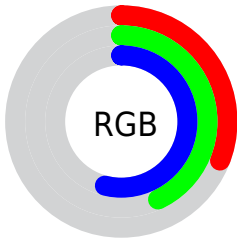
Format	Color
R_{YB}	79, 99, 138
Decimal	5205386
CIE _{Lab}	44.85, -2.83, -19.37
CIE _{LCh}	45, 19.579, 261.694
Yxy	14.4351, 0.2466, 0.2681
Android (android.graphics.Color)	4283395466 (0xFF4F6D8A)
YUV	103.3360, 17.0894, -21.3427
Hunter-Lab	37.9928, -4.0920, -14.1839

Details

The HunterLab color $[37.9928, -4.0920, -14.1839]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[40.8574, 3.8859, 14.5091]$, and the grayscale version is $[36.9010, -1.9689, 2.0049]$.

A 20% lighter version of the original color is $[58.1143, -5.1146, -15.1579]$, and $[20.9683, -2.9585, -13.2371]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.3717, -3.5952, -18.5712]$, and if you desaturate by 10%, it is $[40.7347, -4.2304, -9.9715]$.

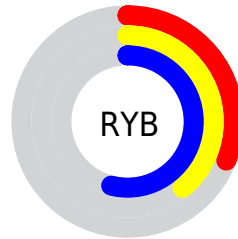
Distribution



Red (31%)

Green (43%)

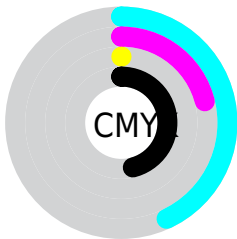
Blue (54%)



Red (31%)

Yellow (39%)

Blue (54%)

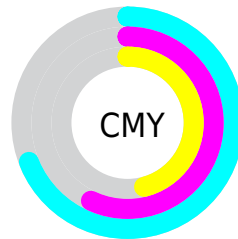


Cyan (43%)

Magenta (21%)

Yellow (0%)

Black (46%)



Cyan (69%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9928, -4.0920, -14.1839 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 37.9928, -4.0920, -14.1839 by changing the saturation by 10% instead.

37.9928, -4.0920,
-14.1839

37.9928, -4.0920,
-14.1839

148.2973,
-11.1898, -14.9547

29.0239, -3.4320,
-13.7882

58.1885, -5.4922,
-14.7725

20.8982, -2.7975,
-13.3386

69.3113, -6.2317,
-14.9680

13.7154, -2.1860,
-12.8800

81.0644, -6.9970,
-15.1014

7.3279, -2.0733,
-13.5163

93.4157, -7.7874,
-15.1762

0.0000, NaN, -NF

0.0000, NaN, NaN

106.3374, -8.6025,
-15.1960

0.0000, NaN, NaN

119.8054, -9.4416,

0.0000, NaN, NaN

-15.1638

0.0000, NaN, NaN

133.7983,
-10.3042, -15.0825

■ 37.9928, -4.0920,
-14.1839

■ 37.9928, -4.0920,
-14.1839

■ 35.3717, -3.5952,
-18.5712

■ 40.7347, -4.2304,
-9.9715

■ 32.8824, -2.6914,
-23.1406

■ 43.5835, -4.0547,
-5.9254

■ 30.5396, -1.3326,
-27.8862

■ 46.5296, -3.6052,
-2.0309

■ 28.3580, 0.5219,
-32.7893

■ 49.5642, -2.9171,
1.7269

■ 26.3505, 2.8947,
-37.8147

■ 52.6794, -2.0204,
5.3631

■ 24.9734, 4.8170,
-41.6131

■ 55.8684, -0.9409,
8.8918

■ 59.1255, 0.2996,
12.3262

■ 62.4455, 1.6825,
15.6781

■ 65.8239, 3.1920,
18.9581

Harmonies

Analogous

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



37.9935, -10.5695, -10.3623



37.9928, -4.0920, -14.1839



37.9935, 3.4552, -13.0314

Triad

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



37.9935, -4.0922, -14.1832



37.9935, 12.3353, 6.8019



37.9935, -12.7061, 9.6332

Complementary

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



37.9928, -4.0920, -14.1839



40.8574, 3.8859, 14.5091

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.



37.9935, -7.2193, 12.7427



37.9928, -4.0920, -14.1839



37.9935, 7.3390, 11.3426

Square

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



37.9935, -4.0922, -14.1832



37.9935, 13.3355, 0.0304



37.9935, 0.0786, 13.3011



37.9935, -15.2839, 3.9988

Rectangle

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



37.9928, -4.0920, -14.1839



37.9935, 8.0569, -9.6808



37.9935, 0.0786, 13.3011



37.9935, -11.1619, 10.9593

Sweetspot

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



37.9935, -4.0922, -14.1832



61.5664, -4.8262, -2.9636



45.7296, -21.4979, 9.5814



28.7917, -2.3518, -1.8760



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.9935, -4.0922, -14.1832



47.1864, -4.8329, -24.2632



30.3852, 9.5649, -28.0278



22.9894, -1.6336, -0.3202



23.9737, 4.4959, -39.6705



2.5975, -0.6913, -1.7544

Inverse Universe

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



34.7848, 21.4260, -2.8520



42.5800, 35.3476, -4.4242



48.8509, -9.3372, 20.9598



22.5571, 1.1359, 0.5879



23.1612, 41.4360, 1.2322



1.9645, 3.6536, -0.9730

Previews

White Background



This preview shows how the HunterLab color 37.9928, -4.0920, -14.1839 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 37.9928, -4.0920, -14.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

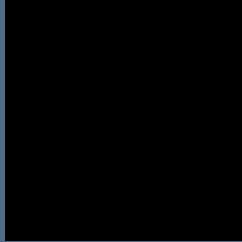
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

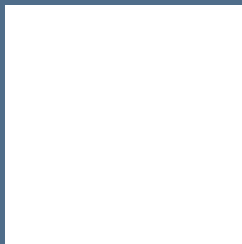
Any Text WCAG AAA × Fail

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

HunterLab 37.9928, -4.0920, -14.1839 Background



This preview shows how black text looks on a background with the HunterLab color 37.9928, -4.0920, -14.1839.

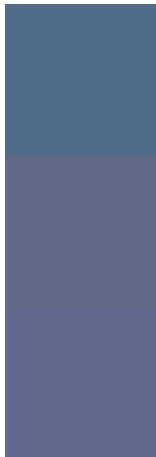


This preview shows how white text looks on a background with the HunterLab color 37.9928, -4.0920, -14.1839.

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

37.9928, -4.0920, -14.1839

Protanopia

38.0120, 1.3899, -12.3055

Deuteranopia

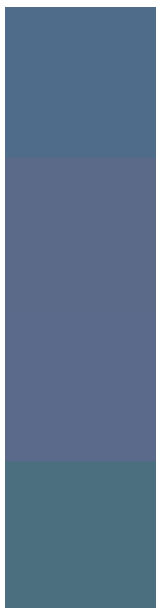
37.8964, 2.6741, -14.8169



Tritanopia

37.9798, -9.7401, -5.0064

Trichromacy



Original Color

37.9928, -4.0920, -14.1839

Protanomaly

37.8283, -0.5514, -13.2075

Deuteranomaly

37.9424, 0.0687, -14.7878

Tritanomaly

37.9970, -7.7931, -8.0534

Monochromacy



Original Color

37.9928, -4.0920, -14.1839

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.0726, -3.1501, -3.6363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9928, -4.0920, -14.1839 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(79, 109, 138)` looks like.

```
.text, #text, p{  
    color:rgb(79, 109, 138)  
}
```

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(79, 109, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 109, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9928, -4.0920, -14.1839 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(79, 109, 138) }
```


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

```
.border{ border-color:rgb(79, 109, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 109, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 109, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 109, 138);  
box-shadow:4px 4px 4px 4px rgb(79, 109,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9928, -4.0920, -14.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 109, 138) }
```

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

```
.background{ background-color: rgb(79, 109,  
138) }
```

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