

Converting Colors

HunterLab(29.7697, -2.2228,
-14.7191)

Have a look what the booklet for
HunterLab(29.7697, -2.2228,
-14.7191) contains.

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Color

**HunterLab(29.7428, -2.3350,
-14.6508)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5674
RGB	59, 86, 116
RGB Percent	23%, 34%, 45%
CMY	0.7686, 0.6627, 0.5451
CMYK	0.49, 0.26, 0.00, 0.55
HSL	212°, 33%, 34%
HSV	212°, 49%, 45%
XYZ	8.2838, 8.8463, 17.7939
YIQ	81.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

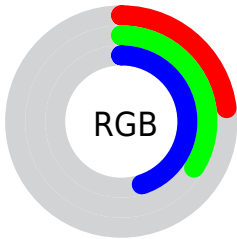
Format	Color
RYB	59, 77, 116
Decimal	3888756
CIELab	35.69, -1.10, -20.23
CIElCh	36, 20.260, 266.876
Yxy	8.8467, 0.2372, 0.2533
Android (android.graphics.Color)	4282078836 (0xFF3B5674)
YUV	81.3470, 17.0839, -19.5983
Hunter-Lab	29.7428, -2.3350, -14.6508

Details

The HunterLab color $29.7428, -2.3350, -14.6508$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $33.4273, 3.2561, 13.3151$, and the grayscale version is $28.7581, -1.5345, 1.5625$.

A 20% lighter version of the original color is $48.7345, -3.5980, -15.1027$, and $14.2671, -1.2095, -13.9568$ is the 20% darker color. If you saturate the color by 10%, you get $27.5627, -1.5780, -18.5864$, and if you desaturate by 10%, it is $32.0287, -2.7807, -10.8995$.

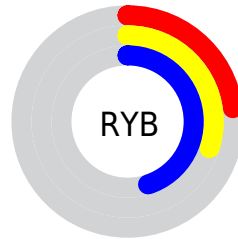
Distribution



Red (23%)

Green (34%)

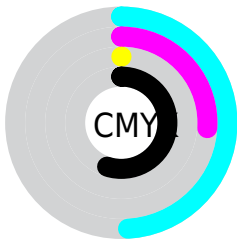
Blue (45%)



Red (23%)

Yellow (30%)

Blue (45%)

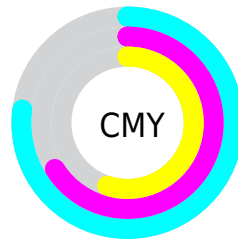


Cyan (49%)

Magenta (26%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7428, -2.3350, -14.6508 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 29.7428, -2.3350, -14.6508 by changing the saturation by 10% instead.

■ 29.7428, -2.3350,
-14.6508

■ 29.7428, -2.3350,
-14.6508

■ 134.9926, -8.4499,
-16.1442

■ 21.5437, -1.8202,
-14.1860

■ 48.5822, -3.4751,
-15.4132

■ 14.2772, -1.3452,
-13.7203

■ 59.0943, -4.0964,
-15.6963

■ 7.9349, -1.0301,
-13.9021

■ 70.2712, -4.7496,
-15.9146

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.0755, -5.4333,
-16.0711

0.0000, NaN, NaN

■ 94.4755, -6.1462,
-16.1692

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.4438, -6.8873,

-16.2121

0.0000, NaN, NaN

120.9565, -7.6555,
-16.2028

■ 29.7428, -2.3350,
-14.6508

■ 29.7428, -2.3350,
-14.6508

■ 27.5627, -1.5780,
-18.5864

■ 32.0287, -2.7807,
-10.8995

■ 25.4993, -0.4672,
-22.7145

■ 34.4079, -2.9548,
-7.3216

■ 23.5668, 1.0379,
-27.0294

■ 36.8713, -2.8935,
-3.9004

■ 21.7791, 2.9684,
-31.5093

■ 39.4106, -2.6280,
-0.6190

■ 20.1125, 5.2184,
-36.2241

■ 42.0190, -2.1852,
2.5390

■ 19.9708, 5.4161,
-36.6537

■ 44.6903, -1.5878,
5.5891

■ 47.4192, -0.8552,
8.5450

■ 50.2014, -0.0035,
11.4193

■ 53.0330, 0.9535,
14.2227

Harmonies

Analogous

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



29.7434, -8.7437, -11.5692



29.7428, -2.3350, -14.6508



29.7434, 4.8941, -12.5910

Triad

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



29.7434, -2.3351, -14.6502



29.7434, 11.7139, 6.9515



29.7434, -12.2622, 7.9229

Complementary

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



29.7428, -2.3350, -14.6508



33.4273, 3.2561, 13.3151

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.



29.7434, -7.5597, 11.0915



29.7428, -2.3350, -14.6508



29.7434, 6.3141, 10.6309

Square

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



29.7434, -2.3351, -14.6502



29.7434, 13.4434, 0.8965



29.7434, -0.8347, 11.9515



29.7434, -14.1243, 2.3238

Rectangle

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



29.7428, -2.3350, -14.6508



29.7434, 9.1409, -8.7961



29.7434, -0.8347, 11.9515



29.7434, -10.9844, 9.2518

Sweetspot

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



29.7434, -2.3351, -14.6502



50.1381, -3.7338, -3.5167



37.5937, -19.1174, 8.1144



24.2158, -1.8482, -2.0756



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



29.7434, -2.3351, -14.6502



36.1622, -1.9209, -25.3707



23.1265, 10.2937, -27.9301



19.6199, -1.3059, -0.2936



21.0690, 5.9108, -39.0942



44.6551, 16.8380, -92.1633

Inverse Universe

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



27.4101, 20.0612, -1.8034



33.0634, 33.1142, -2.4039



40.5647, -8.8909, 18.7919



19.3056, 0.8827, 0.5925



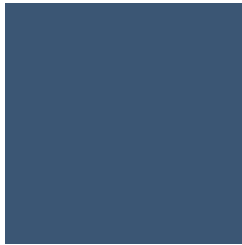
21.1474, 37.6590, 2.4752



46.4999, 82.4645, 8.0944

Previews

White Background



This preview shows how the HunterLab color 29.7428, -2.3350, -14.6508 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



This preview shows how the HunterLab color 29.7428, -2.3350, -14.6508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

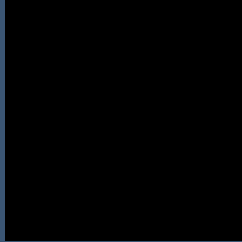
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

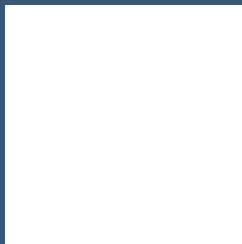
Any Text WCAG AAA × Fail

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

HunterLab 29.7428, -2.3350, -14.6508 Background



This preview shows how black text looks on a background with the HunterLab color 29.7428, -2.3350, -14.6508.



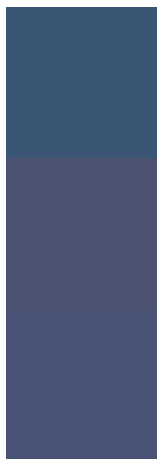
This preview shows how white text looks on a background with the HunterLab color 29.7428, -2.3350,

-14.6508.

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

29.7428, -2.3350, -14.6508

Protanopia

29.7903, 1.6474, -12.7077

Deuteranopia

29.8116, 2.0281, -15.0658



Tritanopia

29.8869, -8.8101, -4.1735

Trichromacy



Original Color

29.7428, -2.3350, -14.6508

Protanomaly

29.6998, 0.0843, -13.4781

Deuteranomaly

29.7556, 0.5085, -15.1900

Tritanomaly

29.9273, -6.7650, -7.6236

Monochromacy



Original Color

29.7428, -2.3350, -14.6508

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.0020, -2.3691, -3.8196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7428, -2.3350, -14.6508 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(59, 86, 116)` looks like.

```
.text, #text, p{  
    color:rgb(59, 86, 116)  
}
```

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(59, 86, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 86, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7428, -2.3350, -14.6508 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(59, 86, 116) }
```


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

```
.border{ border-color:rgb(59, 86, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 86, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 86, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 86, 116);  
box-shadow:4px 4px 4px 4px rgb(59, 86,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7428, -2.3350, -14.6508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 86, 116) }
```

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

```
.background{ background-color: rgb(59, 86,  
116) }
```

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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