

Converting Colors

HunterLab(32.0431, -14.7006,
3.9678)

Have a look what the booklet for
HunterLab(32.0431, -14.7006,
3.9678) contains.

HunterLab(32.0431, -14.7006, 3.9678)	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(32.0431,
-14.7006, 3.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	336354
RGB	51, 99, 84
RGB Percent	20%, 39%, 33%
CMY	0.8000, 0.6118, 0.6706
CMYK	0.48, 0.00, 0.15, 0.61
HSL	161°, 32%, 29%
HSV	161°, 48%, 39%
XYZ	7.4273, 10.2676, 9.9779
YIQ	82.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

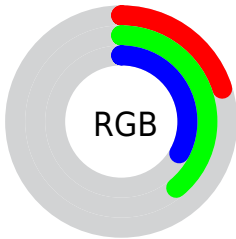
Format	Color
RYB	51, 79, 99
Decimal	3367764
CIELab	38.32, -20.37, 3.48
CIELCh	38, 20.664, 170.293
Yxy	10.2680, 0.2684, 0.3710
Android (android.graphics.Color)	4281557844 (0xFF336354)
YUV	82.9380, 0.5236, -28.0096
Hunter-Lab	32.0431, -14.7006, 3.9678

Details

The HunterLab color **32.0431, -14.7006, 3.9678** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.2678, 15.3844, 1.4721**, and the grayscale version is **29.3934, -1.5684, 1.5970**.

A 20% lighter version of the original color is **51.2570, -18.2859, 5.5963**, and **16.1322, -10.5917, 2.7006** is the 20% darker color. If you saturate the color by 10%, you get **31.6074, -16.5589, 4.6181**, and if you desaturate by 10%, it is **32.5618, -12.5546, 3.3893**.

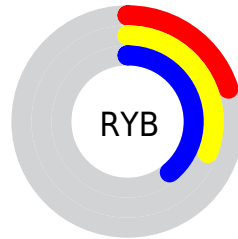
Distribution



Red (20%)

Green (39%)

Blue (33%)



Red (20%)

Yellow (31%)

Blue (39%)

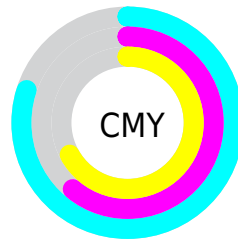


Cyan (48%)

Magenta (0%)

Yellow (15%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.0431, -14.7006, 3.9678 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 32.0431, -14.7006, 3.9678 by changing the saturation by 10% instead.

■ 32.0431, -14.7006,
3.9678

■ 32.0431, -14.7006,
3.9678

138.7712,
-29.7891, 11.2645

■ 23.6157, -12.7591,
3.2773

■ 51.2820, -18.3018,
5.4192

■ 16.0923, -10.6554,
2.6052

■ 61.9730, -20.0148,
6.1815

■ 9.5993, -9.7667,
2.0302

■ 73.3185, -21.6907,
6.9685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.2824, -23.3397,
7.7801

0.0000, NaN, NaN

■ 97.8345, -24.9690,
8.6159

0.0000, NaN, NaN

■ 110.9482,

0.0000, NaN, NaN

-26.5844, 9.4756

0.0000, NaN, NaN

124.6006,
-28.1899, 10.3586

■ 32.0431, -14.7006,
3.9678

■ 32.0431, -14.7006,
3.9678

■ 31.6074, -16.5589,
4.6181

■ 32.5618, -12.5546,
3.3893

■ 31.2504, -18.1226,
5.3308

■ 33.1626, -10.1320,
2.8881

■ 30.9693, -19.3939,
6.0959

■ 33.8461, -7.4506,
2.4690

■ 30.7587, -20.3842,
6.9019

■ 34.6115, -4.5313,
2.1350

■ 30.5902, -21.2030,
7.7131

■ 35.4570, -1.3969,
1.8872

■ 30.5650, -21.3259,
7.8328

■ 36.3806, 1.9285,
1.7250

■ 37.3796, 5.4212,
1.6469

■ 38.4510, 9.0583,
1.6502

■ 39.5916, 12.8186,
1.7313

Harmonies

Analogous

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



32.0437, -12.0502, 9.3168



32.0431, -14.7006, 3.9678



32.0437, -14.1254, -3.3772

Triad

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



32.0437, -14.7010, 3.9682



32.0437, 3.4349, -13.9396



32.0437, 8.0126, 10.5913

Complementary

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



32.0431, -14.7006, 3.9678



23.2678, 15.3844, 1.4721

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.



32.0437, 12.9375, 6.1389



32.0431, -14.7006, 3.9678



32.0437, 10.1309, -8.2945

Square

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



32.0437, -14.7010, 3.9682



32.0437, -4.1026, -14.9003



32.0437, 13.7464, -0.6515



32.0437, 0.7519, 12.5184

Rectangle

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



32.0431, -14.7006, 3.9678



32.0437, -11.9680, -8.4342



32.0437, 13.7464, -0.6515



32.0437, 10.0232, 9.3958

Sweetspot

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



32.0437, -14.7010, 3.9682



44.6243, -8.6213, 3.0881



32.1378, -15.5844, 13.7520



21.6888, -4.4618, 1.5378



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



32.0437, -14.7010, 3.9682



41.3370, -21.9472, 6.1537



29.9185, -8.8592, -5.1134



16.9776, -2.2794, 1.0535



34.8859, -24.4118, 9.0936



80.5311, -57.0464, 22.4899

Inverse Universe

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



23.2678, 15.3844, 1.4721



27.7096, 25.2863, 2.6281



24.7037, 9.8686, 7.8779



16.1302, 0.5691, 0.7796



18.9199, 33.0442, 7.2381



43.5655, 75.7705, 19.1341

Previews

White Background



This preview shows how the HunterLab color 32.0431, -14.7006, 3.9678 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 32.0431, -14.7006, 3.9678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

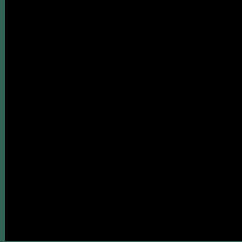
Any Text WCAG AA × Fail

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 32.0431, -14.7006, 3.9678 Background



This preview shows how black text looks on a background with the HunterLab color 32.0431, -14.7006, 3.9678.



This preview shows how white text looks on a background with the HunterLab color 32.0431,

-14.7006, 3.9678.

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

32.0431, -14.7006, 3.9678

Protanopia

32.0258, -2.0727, 6.0034

Deuteranopia

31.9591, 2.0691, 3.0014



Tritanopia

31.9923, -9.2925, -4.7207

Trichromacy



Original Color

32.0431, -14.7006, 3.9678

Protanomaly

31.6899, -7.3458, 4.8340

Deuteranomaly

31.5403, -4.8239, 2.8004

Tritanomaly

31.9761, -11.2555, -1.4632

Monochromacy



Original Color

32.0431, -14.7006, 3.9678

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.1809, -7.0856, 2.3967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.0431, -14.7006, 3.9678 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(51, 99, 84)` looks like.

```
.text, #text, p{  
    color:rgb(51, 99, 84)  
}
```

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(51, 99, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 99, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 32.0431, -14.7006, 3.9678 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(51, 99, 84) }
```


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

```
.border{ border-color:rgb(51, 99, 84) }
```

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

Here you see how a box with a 4 pixel rgb(51, 99, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 99, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 99, 84);  
box-shadow:4px 4px 4px 4px rgb(51, 99, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.0431, -14.7006, 3.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 99, 84) }
```

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

```
.background{ background-color: rgb(51, 99,  
84) }
```

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