

Converting Colors

HunterLab(12.6946, 3.6531,
-14.0774)

Have a look what the booklet for
HunterLab(12.6946, 3.6531,
-14.0774) contains.

HunterLab(12.6946, 3.6531, -14.0774)	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(12.6946, 3.6531,
-14.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	1A203F
RGB	26, 32, 63
RGB Percent	10%, 13%, 25%
CMY	0.8980, 0.8745, 0.7529
CMYK	0.59, 0.49, 0.00, 0.75
HSL	230°, 42%, 17%
HSV	230°, 59%, 25%
XYZ	1.8397, 1.6115, 4.9167
YIQ	33.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

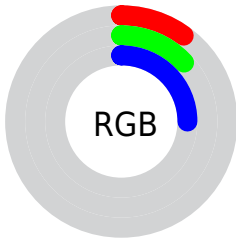
Format	Color
RYB	26, 31, 63
Decimal	1712191
CIELab	13.30, 7.95, -20.70
CIELCh	13, 22.178, 291.018
Yxy	1.6116, 0.2199, 0.1926
Android (android.graphics.Color)	4279902271 (0xFF1A203F)
YUV	33.7400, 14.4252, -6.7880
Hunter-Lab	12.6946, 3.6531, -14.0774

Details

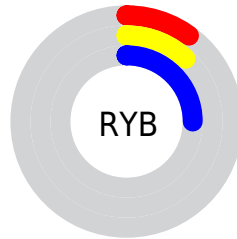
The HunterLab color **12.6946, 3.6531, -14.0774** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.1440, -2.4688, 9.4926**, and the grayscale version is **12.5248, -0.6683, 0.6805**.

A 20% lighter version of the original color is **27.8084, 3.9792, -14.8593**, and **2.6873, 4.4054, -12.8688** is the 20% darker color. If you saturate the color by 10%, you get **11.2946, 4.9719, -17.6396**, and if you desaturate by 10%, it is **14.1824, 2.5252, -10.8764**.

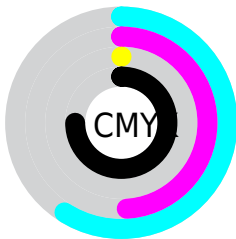
Distribution



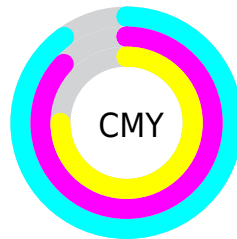
- Red (10%)
- Green (13%)
- Blue (25%)



- Red (10%)
- Yellow (12%)
- Blue (25%)



- Cyan (59%)
- Magenta (49%)
- Yellow (0%)
- Black (75%)



- Cyan (90%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6946, 3.6531, -14.0774 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 12.6946, 3.6531, -14.0774 by changing the saturation by 10% instead.

■ 12.6946, 3.6531,
-14.0774

■ 12.6946, 3.6531,
-14.0774

104.2982, 2.7686,
-16.7677

■ 6.0447, 5.4113,
-16.7651

■ 27.7071, 3.9990,
-15.0023

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.5511, 4.0193,
-15.4419

0.0000, NaN, NaN

■ 46.1762, 3.9604,
-15.8211

0.0000, NaN, NaN

■ 56.5233, 3.8330,
-16.1348

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5451, 3.6447,
-16.3835

0.0000, NaN, NaN

■ 79.2028, 3.4016,

0.0000, NaN, NaN

-16.5699

■ 91.4632, 3.1083,
-16.6968

■ 12.6946, 3.6531,
-14.0774

■ 12.6946, 3.6531,
-14.0774

■ 11.2946, 4.9719,
-17.6396

■ 14.1824, 2.5252,
-10.8764

■ 10.0016, 6.5119,
-21.6010

■ 15.7425, 1.5550,
-7.9837

■ 8.8329, 8.2644,
-25.9789

■ 17.3641, 0.7133,
-5.3453

■ 7.7511, 10.0544,
-31.0195

■ 19.0385, -0.0241,
-2.9141

■ 7.6199, 10.2802,
-31.7162

■ 20.7594, -0.6769,
-0.6511

■ 22.5215, -1.2605,
1.4753

■ 24.3207, -1.7873,
3.4906

■ 26.1537, -2.2669,
5.4152

■ 28.0177, -2.7073,
7.2653

Harmonies

Analogous

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



12.6948, -2.4013, -15.2611



12.6946, 3.6531, -14.0774



12.6948, 9.4007, -8.1465

Triad

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



12.6948, 3.6532, -14.0770



12.6948, 7.2771, 7.0277



12.6948, -10.0537, 2.2632

Complementary

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



12.6946, 3.6531, -14.0774



20.1440, -2.4688, 9.4926

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.



12.6948, -8.3489, 5.9540



12.6946, 3.6531, -14.0774



12.6948, 1.1423, 8.5513

Square

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



12.6948, 3.6532, -14.0770



12.6948, 11.7443, 3.9847



12.6948, -4.4967, 8.1583



12.6948, -9.6281, -3.8218

Rectangle

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



12.6946, 3.6531, -14.0774



12.6948, 11.9315, -3.3449



12.6948, -4.4967, 8.1583



12.6948, -9.7243, 3.7243

Sweetspot

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



12.6948, 3.6532, -14.0770



24.6693, -0.0266, -3.7935



20.1704, -9.2984, 0.9515



12.5150, 0.0438, -2.1395



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.6948, 3.6532, -14.0770



13.9016, 7.2676, -25.0129



12.3135, 8.5802, -14.9059



10.8143, -0.3626, -0.2992



10.7915, 17.6897, -51.6754



25.5456, 51.6854, -143.5037

Inverse Universe

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



13.7838, 10.5853, 2.8008



16.0100, 17.3224, 4.6363



20.7963, -7.9610, 9.8887



10.8536, 0.2082, 0.6778



15.5999, 26.9419, 8.3241



39.5387, 68.0329, 23.0554

Previews

White Background



This preview shows how the HunterLab color 12.6946, 3.6531, -14.0774 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

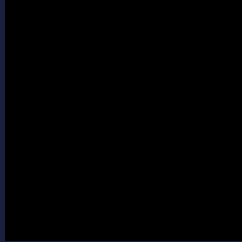
Any Text WCAG AA × Fail

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 12.6946, 3.6531, -14.0774 Background



This preview shows how black text looks on a background with the HunterLab color 12.6946, 3.6531, -14.0774.



This preview shows how white text looks on a background with the HunterLab color 12.6946, 3.6531, -14.0774.

-14.0774.

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

12.6946, 3.6531, -14.0774

Protanopia

12.5955, 2.3150, -15.0305

Deuteranopia

12.4494, -0.7017, -14.0458



Tritanopia

12.5956, -4.2108, -1.7620

Trichromacy



Original Color

12.6946, 3.6531, -14.0774

Protanomaly

12.7173, 2.7080, -14.7299

Deuteranomaly

12.4496, 0.4967, -14.0242

Tritanomaly

12.5067, -1.5770, -5.5773

Monochromacy



Original Color

12.6946, 3.6531, -14.0774

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5239, 0.6394, -4.0247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6946, 3.6531, -14.0774 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(26, 32, 63)` looks like.

```
.text, #text, p{  
    color:rgb(26, 32, 63)  
}
```

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(26, 32, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 32, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6946, 3.6531, -14.0774 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(26, 32, 63) }
```


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

```
.border{ border-color:rgb(26, 32, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 32, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 32, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 32, 63);  
box-shadow:4px 4px 4px 4px rgb(26, 32, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6946, 3.6531, -14.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 32, 63) }
```

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

```
.background{ background-color: rgb(26, 32,  
63) }
```

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