

Converting Colors

HunterLab(19.0406, 2.9022,
-14.9781)

Have a look what the booklet for
HunterLab(19.0406, 2.9022,
-14.9781) contains.

HunterLab(19.0406, 2.9022, -14.9781)	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(19.0406, 2.9022,
-14.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3455
RGB	43, 52, 85
RGB Percent	17%, 20%, 33%
CMY	0.8314, 0.7961, 0.6667
CMYK	0.49, 0.39, 0.00, 0.67
HSL	227°, 33%, 25%
HSV	227°, 49%, 33%
XYZ	3.8639, 3.6254, 9.0905
YIQ	53.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

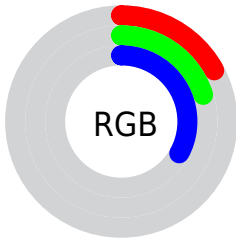
Format	Color
RYB	43, 50, 85
Decimal	2831445
CIELab	22.39, 6.44, -21.22
CIElCh	22, 22.173, 286.880
Yxy	3.6256, 0.2331, 0.2187
Android (android.graphics.Color)	4281021525 (0xFF2B3455)
YUV	53.0710, 15.7410, -8.8323
Hunter-Lab	19.0406, 2.9022, -14.9781

Details

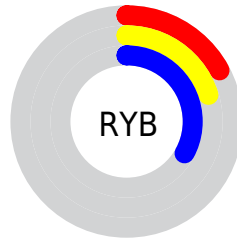
The HunterLab color **19.0406, 2.9022, -14.9781** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.9718, -2.4169, 11.5532**, and the grayscale version is **18.8450, -1.0055, 1.0239**.

A 20% lighter version of the original color is **35.6494, 2.9825, -16.1028**, and **5.3240, 5.7075, -18.9755** is the 20% darker color. If you saturate the color by 10%, you get **17.0470, 4.3743, -19.3107**, and if you desaturate by 10%, it is **21.1374, 1.6689, -11.0532**.

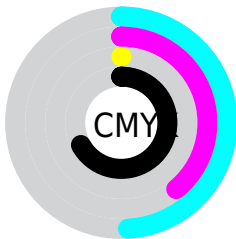
Distribution



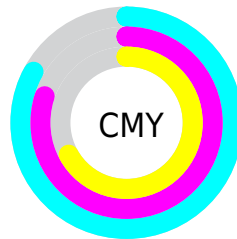
- Red (17%)
- Green (20%)
- Blue (33%)



- Red (17%)
- Yellow (20%)
- Blue (33%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (67%)



- Cyan (83%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0406, 2.9022, -14.9781 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 19.0406, 2.9022, -14.9781 by changing the saturation by 10% instead.

■ 19.0406, 2.9022,
-14.9781

■ 19.0406, 2.9022,
-14.9781

■ 116.4459, 0.7564,
-17.4157

■ 12.1095, 2.7694,
-14.5483

■ 35.7151, 2.8625,
-15.9216

■ 5.1469, 5.1761,
-19.6463

■ 45.2719, 2.7253,
-16.3213

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.5556, 2.5240,
-16.6568

0.0000, NaN, NaN

■ 66.5179, 2.2657,
-16.9277

0.0000, NaN, NaN

■ 78.1193, 1.9559,
-17.1361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.3262, 1.5989,

-17.2848

0.0000, NaN, NaN

103.1101, 1.1980,
-17.3770

■ 19.0406, 2.9022,
-14.9781

■ 19.0406, 2.9022,
-14.9781

■ 17.0470, 4.3743,
-19.3107

■ 21.1374, 1.6689,
-11.0532

■ 15.1765, 6.1340,
-24.1167

■ 23.3205, 0.6307,
-7.4693

■ 13.4568, 8.2261,
-29.4304

■ 25.5782, -0.2489,
-4.1649

■ 11.9228, 10.6672,
-35.2050

■ 27.9012, -0.9993,
-1.0880

■ 10.5437, 13.2453,
-41.5999

■ 30.2820, -1.6436,
1.8037

■ 10.4664, 13.3968,
-42.0018

■ 32.7149, -2.2005,
4.5444

■ 35.1949, -2.6845,
7.1616

■ 37.7181, -3.1073,
9.6776

■ 40.2814, -3.4784,
12.1102

Harmonies

Analogous

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



19.0409, -3.8758, -15.3451



19.0406, 2.9022, -14.9781



19.0409, 9.4186, -9.4876

Triad

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



19.0409, 2.9022, -14.9776



19.0409, 8.6965, 8.0281



19.0409, -12.0849, 3.6325

Complementary

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



19.0406, 2.9022, -14.9781



26.9718, -2.4169, 11.5532

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.



19.0409, -9.5986, 7.6941



19.0406, 2.9022, -14.9781



19.0409, 2.0210, 9.5688

Square

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



19.0409, 2.9022, -14.9776



19.0409, 13.0701, 4.2857



19.0409, -4.6428, 9.4728



19.0409, -11.9178, -2.9106

Rectangle

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



19.0406, 2.9022, -14.9781



19.0409, 12.4575, -4.4798



19.0409, -4.6428, 9.4728



19.0409, -11.5483, 5.2768

Sweetspot

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



19.0409, 2.9022, -14.9776



34.5759, -0.7270, -3.8324



27.4428, -11.9520, 1.9677



17.3057, -0.3027, -2.2037



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.0409, 2.9022, -14.9776



21.8733, 6.0372, -26.1324



17.8695, 9.4217, -17.3396



14.5686, -0.5409, -0.4713



12.9399, 18.2490, -55.5682



28.7738, 49.4597, -142.7341

Inverse Universe

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



19.7665, 12.6392, 2.6560



23.4093, 20.8618, 4.3725



28.4462, -9.3706, 12.6004



14.5809, 0.4250, 0.8495



17.8708, 30.9493, 8.8733



42.2218, 72.8570, 23.0120

Previews

White Background



This preview shows how the HunterLab color 19.0406, 2.9022, -14.9781 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 19.0406, 2.9022, -14.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

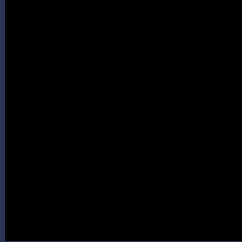
Any Text WCAG AA × Fail

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 19.0406, 2.9022, -14.9781 Background



This preview shows how black text looks on a background with the HunterLab color 19.0406, 2.9022, -14.9781.



This preview shows how white text looks on a background with the HunterLab color 19.0406, 2.9022, -14.9781.

-14.9781.

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

19.0406, 2.9022, -14.9781

Protanopia

18.9295, 2.5377, -15.2099

Deuteranopia

19.1554, 0.8301, -14.7833



Tritanopia

19.1027, -4.8346, -2.4588

Trichromacy



Original Color

19.0406, 2.9022, -14.9781

Protanomaly

18.9845, 2.7182, -15.0950

Deuteranomaly

19.0615, 1.7542, -14.9559

Tritanomaly

18.9892, -2.1322, -6.4279

Monochromacy



Original Color

19.0406, 2.9022, -14.9781

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.9231, -0.1581, -4.0117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0406, 2.9022, -14.9781 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(43, 52, 85)` looks like.

```
.text, #text, p{  
    color:rgb(43, 52, 85)  
}
```

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(43, 52, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 52, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0406, 2.9022, -14.9781 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(43, 52, 85) }
```


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

```
.border{ border-color:rgb(43, 52, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 52, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 52, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 52, 85);  
box-shadow:4px 4px 4px 4px rgb(43, 52, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0406, 2.9022, -14.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 52, 85) }
```

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

```
.background{ background-color: rgb(43, 52,  
85) }
```

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