

Converting Colors

HunterLab(30.8326, -8.3729,
-8.7534)

Have a look what the booklet for
HunterLab(30.8326, -8.3729,
-8.7534) contains.

HunterLab(30.9609, -8.3975, -8.7752)	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(30.9609, -8.3975,
-8.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	315D6D
RGB	49, 93, 109
RGB Percent	19%, 36%, 43%
CMY	0.8078, 0.6353, 0.5725
CMYK	0.55, 0.15, 0.00, 0.57
HSL	196°, 38%, 31%
HSV	196°, 55%, 43%
XYZ	7.9413, 9.5858, 15.8997
YIQ	81.6680, -31.3600, -4.3520

Conversions

Conversions Part 2

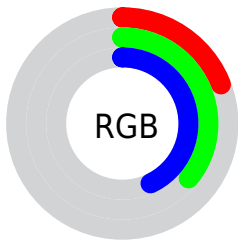
Format	Color
RYB	49, 74, 109
Decimal	3235181
CIELab	37.09, -10.24, -13.79
CIELCh	37, 17.176, 233.384
Yxy	9.5861, 0.2376, 0.2868
Android (android.graphics.Color)	4281425261 (0xFF315D6D)
YUV	81.6680, 13.4747, -28.6498
Hunter-Lab	30.9609, -8.3975, -8.7752

Details

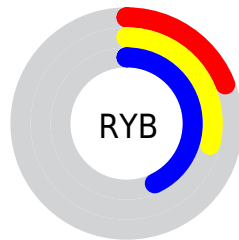
The HunterLab color **30.9609, -8.3975, -8.7752** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.9329, 10.8692, 10.3889**, and the grayscale version is **28.8886, -1.5414, 1.5696**.

A 20% lighter version of the original color is **49.9274, -10.4670, -9.4594**, and **15.3946, -5.3877, -7.6114** is the 20% darker color. If you saturate the color by 10%, you get **29.7431, -8.6745, -10.6652**, and if you desaturate by 10%, it is **32.2657, -7.8235, -6.8411**.

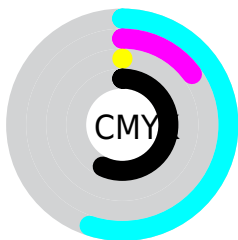
Distribution



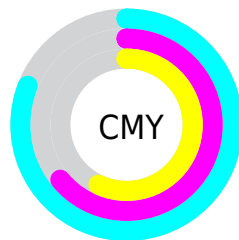
- Red (19%)
- Green (36%)
- Blue (43%)



- Red (19%)
- Yellow (29%)
- Blue (43%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9609, -8.3975, -8.7752 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 30.9609, -8.3975, -8.7752 by changing the saturation by 10% instead.

■ 30.9609, -8.3975,
-8.7752

■ 30.9609, -8.3975,
-8.7752

■ 137.0008,
-18.7085, -8.2138

■ 22.6394, -7.2210,
-8.5074

■ 50.0141, -10.6830,
-9.0761

■ 15.2350, -5.9930,
-8.1626

■ 60.6219, -11.8139,
-9.1210

■ 8.8590, -5.5123,
-7.8219

■ 71.8889, -12.9453,
-9.1028

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 83.7785, -14.0809,
-9.0263

0.0000, NaN, NaN

■ 96.2597, -15.2234,
-8.8957

0.0000, NaN, NaN

■ 109.3057,

0.0000, NaN, NaN

-16.3746, -8.7148

0.0000, NaN, NaN

122.8930,
-17.5359, -8.4865

■ 30.9609, -8.3975,
-8.7752

■ 30.9609, -8.3975,
-8.7752

■ 29.7431, -8.6745,
-10.6652

■ 32.2657, -7.8235,
-6.8411

■ 28.6126, -8.6412,
-12.5007

■ 33.6525, -6.9703,
-4.8760

■ 27.5707, -8.2930,
-14.2696

■ 35.1180, -5.8588,
-2.8898

■ 26.6078, -7.6651,
-15.9779

■ 36.6581, -4.5112,
-0.8910

■ 26.1378, -7.3325,
-16.8413

■ 38.2684, -2.9491,
1.1134

■ 39.9449, -1.1936,
3.1179

■ 41.6833, 0.7358,
5.1185

■ 43.4798, 2.8213,
7.1123

■ 45.3307, 5.0468,
9.0974

Harmonies

Analogous

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



30.9615, -11.7798, -3.1213



30.9609, -8.3975, -8.7752



30.9615, -3.0048, -11.7046

Triad

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



30.9615, -8.3976, -8.7747



30.9615, 10.9937, 0.3607



30.9615, -6.2098, 10.3365

Complementary

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



30.9609, -8.3975, -8.7752



26.9329, 10.8692, 10.3889

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.



30.9615, -0.2790, 10.9084



30.9609, -8.3975, -8.7752



30.9615, 9.9683, 5.8268

Square

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



30.9615, -8.3976, -8.7747



30.9615, 8.4238, -5.8051



30.9615, 5.7219, 9.4247



30.9615, -10.5872, 7.6735

Rectangle

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



30.9609, -8.3975, -8.7752



30.9615, 1.1321, -11.3810



30.9615, 5.7219, 9.4247



30.9615, -4.3443, 10.7550

Sweetspot

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



30.9615, -8.3976, -8.7747



48.5447, -6.5019, -1.8425



34.5841, -20.9817, 12.6272



23.2778, -3.2618, -1.0691



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



30.9615, -8.3976, -8.7747



39.3672, -11.6375, -14.9641



23.2899, 4.1599, -22.4082



18.3362, -1.7456, 0.1614



28.1963, -7.8273, -18.3460



62.4740, -15.9688, -43.6150

Inverse Universe

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



24.9768, 23.3331, -8.7846



30.4652, 38.2239, -13.7135



33.8801, -2.0525, 15.7553



17.7505, 0.9633, 0.0548



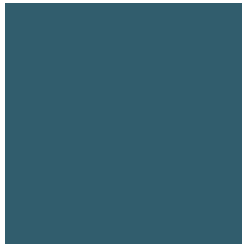
21.1541, 39.4046, -10.9633



47.5945, 88.3896, -22.5981

Previews

White Background



This preview shows how the HunterLab color 30.9609, -8.3975, -8.7752 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 30.9609, -8.3975, -8.7752 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

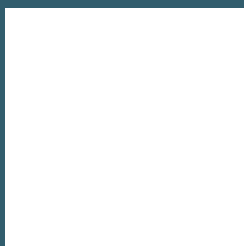
Any Text WCAG AAA × Fail

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

HunterLab 30.9609, -8.3975, -8.7752 Background



This preview shows how black text looks on a background with the HunterLab color 30.9609, -8.3975, -8.7752.



This preview shows how white text looks on a background with the HunterLab color 30.9609, -8.3975, -8.7752.

-8.7752.

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

30.9609, -8.3975, -8.7752

Protanopia

30.8124, 0.4974, -6.2058

Deuteranopia

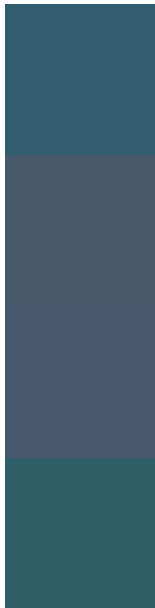
30.7956, 2.2448, -9.9386



Tritanopia

30.8959, -10.5768, -5.2701

Trichromacy



Original Color

30.9609, -8.3975, -8.7752

Protanomaly

30.8625, -3.2722, -7.2354

Deuteranomaly

30.7324, -2.0730, -9.5588

Tritanomaly

31.0317, -9.8710, -6.5860

Monochromacy



Original Color

30.9609, -8.3975, -8.7752

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5472, -4.6750, -2.1924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9609, -8.3975, -8.7752 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(49, 93, 109)` looks like.

```
.text, #text, p{  
  color:rgb(49, 93, 109)  
}
```

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(49, 93, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 93, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9609, -8.3975, -8.7752 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(49, 93, 109) }
```


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

```
.border{ border-color:rgb(49, 93, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 93, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 93, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 93, 109);  
box-shadow:4px 4px 4px 4px rgb(49, 93,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9609, -8.3975, -8.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 93, 109) }
```

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

```
.background{ background-color: rgb(49, 93,  
109) }
```

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