

Converting Colors

HunterLab(37.5207, -9.1531,
-21.0564)

Have a look what the booklet for
HunterLab(37.5207, -9.1531,
-21.0564) contains.

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Color

**HunterLab(37.6012, -9.1265,
-21.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	267094
RGB	38, 112, 148
RGB Percent	15%, 44%, 58%
CMY	0.8510, 0.5608, 0.4196
CMYK	0.74, 0.24, 0.00, 0.42
HSL	200°, 59%, 36%
HSV	200°, 74%, 58%
XYZ	11.9388, 14.1385, 30.1167
YIQ	93.9780, -55.6600, -4.4920

Conversions

Conversions Part 2

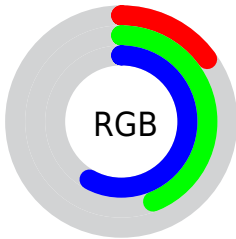
Format	Color
R_{YB}	38, 82, 148
Decimal	2519188
CIE _{Lab}	44.43, -10.07, -26.12
CIE _{LCh}	44, 27.993, 248.912
Yxy	14.1390, 0.2125, 0.2516
Android (android.graphics.Color)	4280709268 (0xFF267094)
YUV	93.9780, 26.6328, -49.0927
Hunter-Lab	37.6012, -9.1265, -21.1675

Details

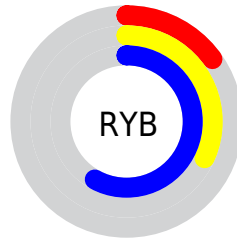
The HunterLab color **37.6012, -9.1265, -21.1675** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.6666, 20.6773, 17.8767**, and the grayscale version is **33.3683, -1.7804, 1.8130**.

A 20% lighter version of the original color is **57.8514, -11.5085, -21.8203**, and **21.2835, -3.7738, -18.4558** is the 20% darker color. If you saturate the color by 10%, you get **35.8762, -8.1650, -24.3382**, and if you desaturate by 10%, it is **39.4669, -9.6074, -17.9383**.

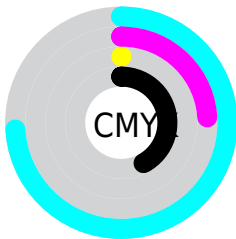
Distribution



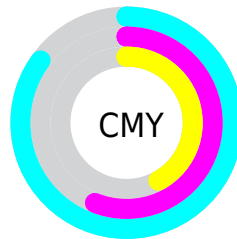
- Red (15%)
- Green (44%)
- Blue (58%)



- Red (15%)
- Yellow (32%)
- Blue (58%)



- Cyan (74%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6012, -9.1265, -21.1675 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 37.6012, -9.1265, -21.1675 by changing the saturation by 10% instead.

37.6012, -9.1265,
-21.1675

37.6012, -9.1265,
-21.1675

147.6800,
-19.3833, -23.7610

28.6660, -7.9831,
-20.6269

57.7369, -11.3758,
-22.1331

20.5776, -6.8091,
-20.1050

68.8325, -12.4973,
-22.5341

13.4369, -5.5763,
-19.7415

80.5599, -13.6228,
-22.8766

7.0043, -6.6402,
-21.6938

92.8866, -14.7549,
-23.1612

0.0000, NaN, -NF

0.0000, NaN, NaN

105.7849,
-15.8957, -23.3898

0.0000, NaN, NaN

119.2305,

0.0000, NaN, NaN

-17.0467, -23.5644

0.0000, NaN, NaN

133.2019,
-18.2090, -23.6874

■ 37.6012, -9.1265,
-21.1675

■ 37.6012, -9.1265,
-21.1675

■ 35.8762, -8.1650,
-24.3382

■ 39.4669, -9.6074,
-17.9383

■ 34.2884, -6.7340,
-27.4358

■ 41.4679, -9.6220,
-14.6746

■ 33.4196, -5.8170,
-29.2144

■ 43.5989, -9.1963,
-11.3960

■ 45.8530, -8.3636,
-8.1196

■ 48.2223, -7.1600,
-4.8585

■ 50.6993, -5.6215,
-1.6223

■ 53.2764, -3.7827,
1.5828

■ 55.9467, -1.6755,
4.7533

■ 58.7035, 0.6712,
7.8874

Harmonies

Analogous

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



37.6019, -16.7114, -12.4333



37.6012, -9.1265, -21.1675



37.6019, 1.2311, -22.8669

Triad

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



37.6019, -9.1263, -21.1668



37.6019, 20.5447, 4.9533



37.6019, -14.0749, 14.3100

Complementary

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



37.6012, -9.1265, -21.1675



33.6666, 20.6773, 17.8767

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.



37.6019, -5.1418, 16.6995



37.6012, -9.1265, -21.1675



37.6019, 15.3713, 12.3790

Square

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



37.6019, -9.1263, -21.1668



37.6019, 19.1703, -5.6955



37.6019, 5.6819, 16.1081



37.6019, -19.3386, 8.4280

Rectangle

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



37.6012, -9.1265, -21.1675



37.6019, 8.4609, -19.4239



37.6019, 5.6819, 16.1081



37.6019, -11.4443, 15.4615

Sweetspot

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



37.6019, -9.1263, -21.1668



64.6627, -9.1590, -5.6426



46.9799, -34.3911, 20.4271



30.5205, -4.5914, -3.1960



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.6019, -9.1263, -21.1668



46.2731, -9.6856, -34.9971



23.6514, 16.4716, -55.3719



24.9910, -2.2662, 0.0105



30.9688, -5.5027, -26.8296



4.1389, -1.6211, -1.6738

Inverse Universe

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



29.7532, 42.9071, -11.4628



36.6212, 63.7596, -13.7531



46.7240, -4.3656, 26.3870



24.2430, 1.4241, 0.1653



24.8225, 45.6668, -8.4376



2.8435, 5.3985, -2.2617

Previews

White Background



This preview shows how the HunterLab color 37.6012, -9.1265, -21.1675 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 37.6012, -9.1265, -21.1675 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 37.6012, -9.1265, -21.1675 Background



This preview shows how black text looks on a background with the HunterLab color 37.6012, -9.1265, -21.1675.

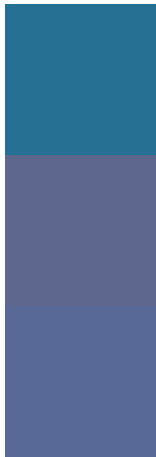


This preview shows how white text looks on a background with the HunterLab color 37.6012, -9.1265, -21.1675.

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

37.6012, -9.1265, -21.1675

Protanopia

37.4209, 2.6014, -16.8218

Deuteranopia

37.5884, 2.5358, -22.3069



Tritanopia

37.5373, -17.2228, -8.3483

Trichromacy



Original Color

37.6012, -9.1265, -21.1675

Protanomaly

37.1181, -2.3817, -19.3162

Deuteranomaly

37.3504, -2.5818, -22.1658

Tritanomaly

37.6362, -14.7024, -12.5968

Monochromacy



Original Color

37.6012, -9.1265, -21.1675

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.6094, -6.3348, -6.0569

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6012, -9.1265, -21.1675 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(38, 112, 148)` looks like.

```
.text, #text, p{  
    color:rgb(38, 112, 148)  
}
```

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(38, 112, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 112, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6012, -9.1265, -21.1675 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(38, 112, 148) }
```


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

```
.border{ border-color:rgb(38, 112, 148) }
```

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

Here you see how a box with a 4 pixel rgb(38, 112, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 112, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 112, 148);  
box-shadow:4px 4px 4px 4px rgb(38, 112,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6012, -9.1265, -21.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 112, 148) }
```

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

```
.background{ background-color: rgb(38, 112,  
148) }
```

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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