

Converting Colors

HunterLab(37.1108, -15.3254,
6.9495)

Have a look what the booklet for
HunterLab(37.1108, -15.3254,
6.9495) contains.

HunterLab(36.9909, -15.1228, 6.6648)	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(36.9909,
-15.1228, 6.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	47705B
RGB	71, 112, 91
RGB Percent	28%, 44%, 36%
CMY	0.7216, 0.5608, 0.6431
CMYK	0.37, 0.00, 0.19, 0.56
HSL	149°, 22%, 36%
HSV	149°, 37%, 44%
XYZ	10.2810, 13.6833, 11.9968
YIQ	97.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

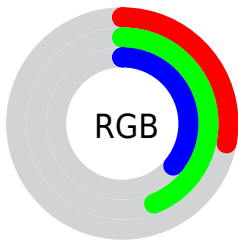
Format	Color
R_YB	71, 99, 112
Decimal	4681819
CIE Lab	43.78, -19.42, 7.18
CIE LCh	44, 20.704, 159.707
Yxy	13.6838, 0.2859, 0.3805
Android (android.graphics.Color)	4282871899 (0xFF47705B)
YUV	97.3470, -3.1291, -23.1063
Hunter-Lab	36.9909, -15.1228, 6.6648

Details

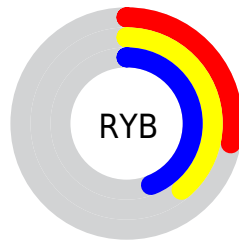
The HunterLab color **36.9909, -15.1228, 6.6648** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.5369, 13.9864, -1.8803**, and the grayscale version is **34.7208, -1.8526, 1.8864**.

A 20% lighter version of the original color is **57.0429, -18.5644, 8.6326**, and **20.1257, -11.4172, 4.8877** is the 20% darker color. If you saturate the color by 10%, you get **36.3365, -17.9225, 7.9633**, and if you desaturate by 10%, it is **37.7491, -11.9794, 5.3888**.

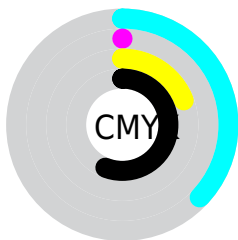
Distribution



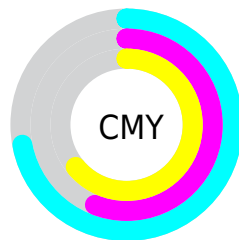
- Red (28%)
- Green (44%)
- Blue (36%)



- Red (28%)
- Yellow (39%)
- Blue (44%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (72%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9909, -15.1228, 6.6648 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 36.9909, -15.1228, 6.6648 by changing the saturation by 10% instead.

■ 36.9909, -15.1228,
6.6648

■ 36.9909, -15.1228,
6.6648

146.7157,
-29.6293, 15.6694

■ 28.1089, -13.3137,
5.7143

■ 57.0324, -18.5309,
8.5749

■ 20.0792, -11.3863,
4.7531

■ 68.0854, -20.1687,
9.5436

■ 13.0051, -9.2709,
3.7610

■ 79.7724, -21.7786,
10.5254

■ 6.4655, -11.3147,
4.5259

■ 92.0607, -23.3686,
11.5218

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.9223,
-24.9447, 12.5338

0.0000, NaN, NaN

118.3327,

0.0000, NaN, NaN

-26.5113, 13.5622

0.0000, NaN, NaN

132.2702,
-28.0719, 14.6072

■ 36.9909, -15.1228,
6.6648

■ 36.9909, -15.1228,
6.6648

■ 36.3365, -17.9225,
7.9633

■ 37.7491, -11.9794,
5.3888

■ 35.7829, -20.3560,
9.2689

■ 38.6080, -8.5173,
4.1466

■ 35.3287, -22.4114,
10.5665

■ 39.5667, -4.7676,
2.9493

■ 34.9701, -24.0861,
11.8401

■ 40.6227, -0.7625,
1.8055

■ 34.7011, -25.3901,
13.0733

■ 41.7726, 3.4652,
0.7217

■ 34.5030, -26.3904,
14.2409

■ 43.0127, 7.8840,
-0.2975

■ 34.4401, -26.7094,
14.6108

■ 44.3389, 12.4643,
-1.2494

■ 45.7470, 17.1794,
-2.1328

■ 47.2327, 22.0053,
-2.9477

Harmonies

Analogous

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



36.9917, -11.1536, 11.4626



36.9909, -15.1228, 6.6648



36.9917, -15.7384, -0.4963

Triad

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



36.9917, -15.1234, 6.6652



36.9917, 0.6100, -15.1668



36.9917, 10.3977, 10.0786

Complementary

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



36.9909, -15.1228, 6.6648



29.5369, 13.9864, -1.8803

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.



36.9917, 14.1492, 4.3590



36.9909, -15.1228, 6.6648



36.9917, 8.1945, -10.8578

Square

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



36.9917, -15.1234, 6.6652



36.9917, -7.0779, -14.1884



36.9917, 13.3108, -3.3336



36.9917, 3.4188, 13.1286

Rectangle

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



36.9909, -15.1228, 6.6648



36.9917, -14.2207, -5.8523



36.9917, 13.3108, -3.3336



36.9917, 12.1035, 8.4593

Sweetspot

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



36.9917, -15.1234, 6.6652



51.8307, -8.6900, 4.6436



37.8532, -12.6555, 13.7659



25.3420, -4.5046, 2.3545



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.9917, -15.1234, 6.6652



48.2783, -23.2444, 10.3032



37.5276, -12.0206, -0.9919



19.4623, -2.8157, 1.5991



37.0231, -28.7561, 15.8005



82.5275, -64.8322, 36.8019

Inverse Universe

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



29.5369, 13.9864, -1.8803



36.3509, 23.5801, -3.2285



29.0091, 11.3517, 5.6535



18.5131, 0.8580, 0.4950



20.7930, 37.2491, 0.7189



46.2193, 82.4499, 4.3001

Previews

White Background



This preview shows how the HunterLab color 36.9909, -15.1228, 6.6648 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 36.9909, -15.1228, 6.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

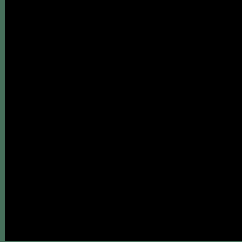
Any Text WCAG AA × Fail

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 36.9909, -15.1228, 6.6648 Background



This preview shows how black text looks on a background with the HunterLab color 36.9909, -15.1228, 6.6648.



This preview shows how white text looks on a background with the HunterLab color 36.9909,

-15.1228, 6.6648.

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

36.9909, -15.1228, 6.6648

Protanopia

36.9101, -2.5139, 8.5575

Deuteranopia

36.6672, 2.4509, 5.5138



Tritanopia

36.8609, -8.1685, -4.4996

Trichromacy



Original Color

36.9909, -15.1228, 6.6648

Protanomaly

36.6682, -7.5313, 7.5345

Deuteranomaly

36.6064, -4.6611, 5.7020

Tritanomaly

36.7639, -10.5543, -0.4113

Monochromacy



Original Color

36.9909, -15.1228, 6.6648

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.2188, -6.6853, 3.3586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9909, -15.1228, 6.6648 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(71, 112, 91)` looks like.

```
.text, #text, p{  
    color:rgb(71, 112, 91)  
}
```

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(71, 112, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 112, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9909, -15.1228, 6.6648 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(71, 112, 91) }
```


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

```
.border{ border-color:rgb(71, 112, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 112, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 112, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 112, 91);  
box-shadow:4px 4px 4px 4px rgb(71, 112,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9909, -15.1228, 6.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 112, 91) }
```

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

```
.background{ background-color: rgb(71, 112,  
91) }
```

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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