

Converting Colors

HunterLab(36.8620, -12.9808,
21.3458)

Have a look what the booklet for
HunterLab(36.8620, -12.9808,
21.3458) contains.

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Color

**HunterLab(36.8620,
-12.9808, 21.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	626D15
RGB	98, 109, 21
RGB Percent	38%, 43%, 8%
CMY	0.6157, 0.5725, 0.9176
CMYK	0.10, 0.00, 0.81, 0.57
HSL	68°, 68%, 25%
HSV	68°, 81%, 43%
XYZ	10.6410, 13.5881, 2.7714
YIQ	95.6790, 21.6920, -29.7000

Conversions

Conversions Part 2

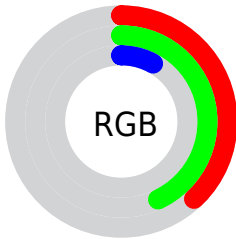
Format	Color
R_{YB}	21, 109, 32
Decimal	6450453
CIE Lab	43.64, -16.07, 43.99
CIE LCh	44, 46.834, 110.071
Yxy	13.5887, 0.3941, 0.5033
Android (android.graphics.Color)	4284640533 (0xFF626D15)
YUV	95.6790, -36.8167, 2.0355
Hunter-Lab	36.8620, -12.9808, 21.3458

Details

The HunterLab color $36.8620, -12.9808, 21.3458$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $13.9566, 21.9335, -52.4822$, and the grayscale version is $34.2092, -1.8253, 1.8586$.

A 20% lighter version of the original color is $56.7468, -15.8368, 28.1040$, and $20.1832, -9.3057, 12.2739$ is the 20% darker color. If you saturate the color by 10%, you get $36.7172, -13.6206, 21.9180$, and if you desaturate by 10%, it is $37.0335, -12.2052, 20.4293$.

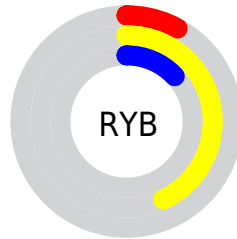
Distribution



Red (38%)

Green (43%)

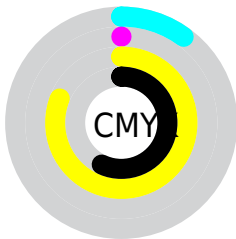
Blue (8%)



Red (8%)

Yellow (43%)

Blue (13%)

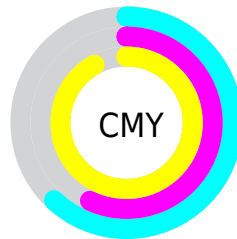


Cyan (10%)

Magenta (0%)

Yellow (81%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8620, -12.9808, 21.3458 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 36.8620, -12.9808, 21.3458 by changing the saturation by 10% instead.

■ 36.8620, -12.9808,
21.3458

■ 36.8620, -12.9808,
21.3458

■ 146.5117,
-25.9487, 48.5753

■ 27.9914, -11.4138,
17.5197

■ 56.8836, -15.9698,
28.2910

■ 19.9741, -9.7593,
13.9819

■ 67.9275, -17.4205,
31.4957

■ 12.9142, -7.9629,
9.0400

■ 79.6059, -18.8549,
34.5655

■ 6.3455, -11.1047,
4.4419

■ 91.8861, -20.2791,
37.5244

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7399,
-21.6975, 40.3913

0.0000, NaN, NaN

■ 118.1429,

0.0000, NaN, NaN

-23.1136, 43.1811

0.0000, NaN, NaN

132.0732,
-24.5300, 45.9058

36.8620, -12.9808,
21.3458

36.8620, -12.9808,
21.3458

36.7172, -13.6206,
21.9180

37.0335, -12.2052,
20.4293

36.5935, -14.1515,
22.3010

37.2314, -11.2783,
19.1346

37.4585, -10.1924,
17.4366

37.7165, -8.9413,
15.3166

38.0064, -7.5211,
12.7614

■ 38.3293, -5.9298,
9.7630

■ 38.6860, -4.1671,
6.3178

■ 39.0769, -2.2345,
2.4266

■ 39.5025, -0.1346,
-1.9066

Harmonies

Analogous

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



36.8628, 4.1123, 21.8156



36.8620, -12.9808, 21.3458



36.8628, -24.6904, 17.3707

Triad

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



36.8628, -12.9819, 21.3460



36.8628, -21.4434, -32.6531



36.8628, 38.1068, -4.0522

Complementary

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



36.8620, -12.9808, 21.3458



13.9566, 21.9335, -52.4822

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.



36.8628, 28.0773, -25.5606



36.8620, -12.9808, 21.3458



36.8628, -7.6798, -46.5442

Square

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



36.8628, -12.9819, 21.3460



36.8628, -28.8952, -10.9884



36.8628, 10.5112, -43.4664



36.8628, 35.9463, 11.5127

Rectangle

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



36.8620, -12.9808, 21.3458



36.8628, -28.9152, 11.4586



36.8628, 10.5112, -43.4664



36.8628, 35.9861, -10.8871

Sweetspot

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



36.8628, -12.9819, 21.3460



51.1138, -8.8000, 14.7138



20.7357, 23.4500, 11.1587



24.6011, -4.5208, 7.6167



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.



36.8628, -12.9819, 21.3460



48.9801, -18.8648, 29.7021



34.3466, -22.8671, 19.5388



18.8820, -1.8682, 2.7554



39.5658, -15.3379, 24.1117



89.1676, -35.1737, 54.3289

Inverse Universe

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



13.9566, 21.9335, -52.4822



14.9540, 37.2318, -92.8513



17.7410, 28.8342, -36.9178



17.4403, -0.0165, -0.9309



11.7907, 31.1445, -77.2835



26.2024, 69.9852, -177.7392

Previews

White Background



This preview shows how the HunterLab color 36.8620, -12.9808, 21.3458 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 36.8620, -12.9808, 21.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

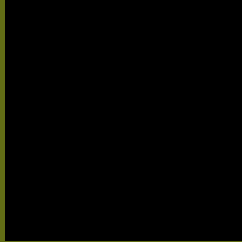
Any Text WCAG AA × Fail

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 36.8620, -12.9808, 21.3458 Background



This preview shows how black text looks on a background with the HunterLab color 36.8620, -12.9808, 21.3458.



This preview shows how white text looks on a background with the HunterLab color 36.8620, -12.9808, 21.3458.

-12.9808, 21.3458.

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

36.8620, -12.9808, 21.3458

Protanopia

36.6886, -4.9934, 21.5243

Deuteranopia

36.7173, 1.9519, 20.9848



Tritanopia

36.7092, 0.7120, -0.7351

Trichromacy



Original Color

36.8620, -12.9808, 21.3458

Protanomaly

36.6127, -8.0810, 21.3473

Deuteranomaly

36.6394, -3.7182, 21.0237

Tritanomaly

36.4966, -5.7490, 10.9822

Monochromacy



Original Color

36.8620, -12.9808, 21.3458

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.0406, -7.0301, 11.9422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8620, -12.9808, 21.3458 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(98, 109, 21)` looks like.

```
.text, #text, p{  
    color:rgb(98, 109, 21)  
}
```

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(98, 109, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 109, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8620, -12.9808, 21.3458 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(98, 109, 21) }
```


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

```
.border{ border-color:rgb(98, 109, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 109, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 109, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 109, 21);  
box-shadow:4px 4px 4px 4px rgb(98, 109,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8620, -12.9808, 21.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 109, 21) }
```

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

```
.background{ background-color: rgb(98, 109,  
21) }
```

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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