

Converting Colors

HunterLab(47.3702, -6.8919,
-15.9353)

Have a look what the booklet for
HunterLab(47.3702, -6.8919,
-15.9353) contains.

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Color

**HunterLab(47.3928, -6.9957,
-16.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	5E87A6
RGB	94, 135, 166
RGB Percent	37%, 53%, 65%
CMY	0.6314, 0.4706, 0.3490
CMYK	0.43, 0.19, 0.00, 0.35
HSL	206°, 29%, 51%
HSV	206°, 43%, 65%
XYZ	20.1630, 22.4608, 39.3490
YIQ	126.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

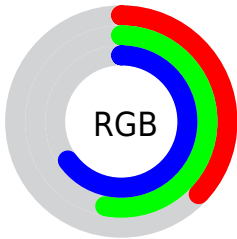
Format	Color
R _Y B	94, 120, 166
Decimal	6195110
CIE Lab	54.51, -5.73, -20.88
CIE LCh	55, 21.657, 254.650
Yxy	22.4616, 0.2460, 0.2740
Android (android.graphics.Color)	4284385190 (0xFF5E87A6)
YUV	126.2750, 19.5844, -28.3052
Hunter-Lab	47.3928, -6.9957, -16.0520

Details

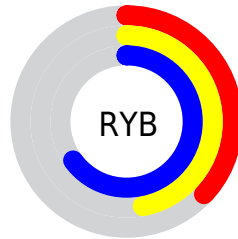
The HunterLab color $47.3928, -6.9957, -16.0520$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $48.5622, 7.2040, 17.1200$, and the grayscale version is $45.7208, -2.4395, 2.4841$.

A 20% lighter version of the original color is $68.8404, -8.7998, -16.6514$, and $28.6065, -5.1332, -15.4577$ is the 20% darker color. If you saturate the color by 10%, you get $44.4392, -6.7669, -20.8683$, and if you desaturate by 10%, it is $50.4951, -6.7646, -11.3640$.

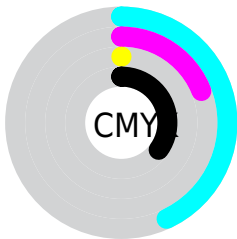
Distribution



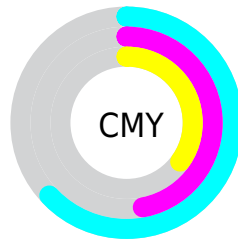
- Red (37%)
- Green (53%)
- Blue (65%)



- Red (37%)
- Yellow (47%)
- Blue (65%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3928, -6.9957, -16.0520 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 47.3928, -6.9957, -16.0520 by changing the saturation by 10% instead.

■ 47.3928, -6.9957,
-16.0520

■ 47.3928, -6.9957,
-16.0520

162.7721,
-15.5018, -16.7692

■ 37.6782, -6.1354,
-15.6744

■ 68.9259, -8.7610,
-16.6094

■ 28.7358, -5.2853,
-15.2369

■ 80.6583, -9.6687,
-16.7942

■ 20.6401, -4.4392,
-14.7573

■ 92.9898, -10.5945,
-16.9200

■ 13.4912, -3.5850,
-14.2999

■ 105.8927,
-11.5386, -16.9901

■ 7.0687, -3.9115,
-15.3722

119.3427,
-12.5014, -17.0073

0.0000, NaN, -NF

0.0000, NaN, NaN

133.3183,

-13.4829, -16.9746

0.0000, NaN, NaN

147.8005,
-14.4830, -16.8945

0.0000, NaN, NaN

■ 47.3928, -6.9957,
-16.0520

■ 47.3928, -6.9957,
-16.0520

■ 44.4392, -6.7669,
-20.8683

■ 50.4951, -6.7646,
-11.3640

■ 41.6449, -6.0247,
-25.8068

■ 53.7305, -6.1244,
-6.8083

■ 39.0243, -4.7206,
-30.8478

■ 57.0884, -5.1233,
-2.3801

■ 36.5897, -2.8182,
-35.9617

■ 60.5583, -3.8045,
1.9280

■ 34.3492, -0.3072,
-41.1116

■ 64.1308, -2.2058,
6.1249

■ 32.9441, 1.5857,
-44.6003

■ 67.7976, -0.3604,
10.2206

■ 71.5515, 1.7033,
14.2251

■ 75.3858, 3.9608,
18.1478

■ 79.2950, 6.3911,
21.9980

Harmonies

Analogous

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



47.3937, -14.1498, -10.4095



47.3928, -6.9957, -16.0520



47.3937, 1.8946, -16.1221

Triad

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



47.3937, -6.9960, -16.0511



47.3937, 15.2706, 6.5316



47.3937, -14.0159, 12.7999

Complementary

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



47.3928, -6.9957, -16.0520



48.5622, 7.2040, 17.1200

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.



47.3937, -6.8006, 15.8290



47.3928, -6.9957, -16.0520



47.3937, 10.3268, 12.6920

Square

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



47.3937, -6.9960, -16.0511



47.3937, 15.2086, -1.9557



47.3937, 2.1049, 15.7936



47.3937, -17.9935, 6.7071

Rectangle

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



47.3928, -6.9957, -16.0520



47.3937, 7.6424, -12.9382



47.3937, 2.1049, 15.7936



47.3937, -11.9133, 14.1556

Sweetspot

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



47.3937, -6.9960, -16.0511



76.9683, -6.8814, -3.1297



55.7744, -27.5455, 13.6142



35.9453, -3.4105, -2.0783



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



47.3937, -6.9960, -16.0511



60.0249, -9.1417, -27.8467



37.7464, 9.8754, -33.2353



28.2540, -2.2326, -0.2946



29.1721, 1.1119, -38.8628



5.5289, -1.3871, -3.9163

Inverse Universe

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



42.2639, 27.8337, -5.6268



52.4000, 46.5491, -8.9367



58.3586, -9.3960, 25.0364



27.5884, 1.5618, 0.4966



26.3252, 47.5273, -1.9398



4.2257, 7.8429, -1.9684

Previews

White Background



This preview shows how the HunterLab color 47.3928, -6.9957, -16.0520 looks on a white background.

Color Contrast Check

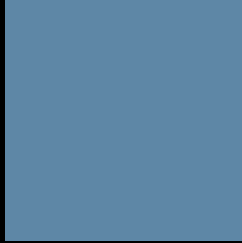
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.3928, -6.9957, -16.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

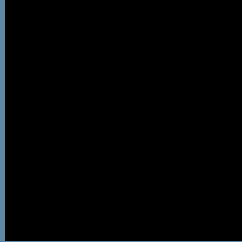
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.3928, -6.9957, -16.0520 Background



This preview shows how black text looks on a background with the HunterLab color 47.3928, -6.9957, -16.0520.



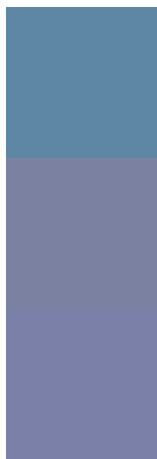
This preview shows how white text looks on a background with the HunterLab color 47.3928, -6.9957, -16.0520.

-16.0520.

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

47.3928, -6.9957, -16.0520

Protanopia

47.3406, 1.2724, -13.0359

Deuteranopia

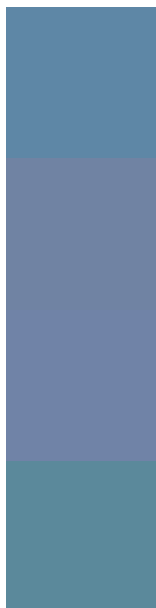
47.4093, 3.4627, -17.0553



Tritanopia

47.4033, -12.7916, -6.5780

Trichromacy



Original Color

47.3928, -6.9957, -16.0520

Protanomaly

47.2458, -1.7937, -14.4023

Deuteranomaly

47.3998, -0.9542, -16.5393

Tritanomaly

47.4152, -10.7847, -9.7484

Monochromacy



Original Color

47.3928, -6.9957, -16.0520

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.0446, -4.6051, -4.1565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3928, -6.9957, -16.0520 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(94, 135, 166)` looks like.

```
.text, #text, p{  
    color:rgb(94, 135, 166)  
}
```

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(94, 135, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 135, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3928, -6.9957, -16.0520 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(94, 135, 166) }
```


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

```
.border{ border-color:rgb(94, 135, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 135, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 135, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 135, 166);  
box-shadow:4px 4px 4px 4px rgb(94, 135,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3928, -6.9957, -16.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 135, 166) }
```

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

```
.background{ background-color: rgb(94, 135,  
166) }
```

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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