

Converting Colors

HunterLab(41.9105, -6.8146,
-11.9538)

Have a look what the booklet for
HunterLab(41.9105, -6.8146,
-11.9538) contains.

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Color

**HunterLab(42.0123, -6.8395,
-12.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	557991
RGB	85, 121, 145
RGB Percent	33%, 47%, 57%
CMY	0.6667, 0.5255, 0.4314
CMYK	0.41, 0.17, 0.00, 0.43
HSL	204°, 26%, 45%
HSV	204°, 41%, 57%
XYZ	15.6945, 17.6503, 29.3677
YIQ	112.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

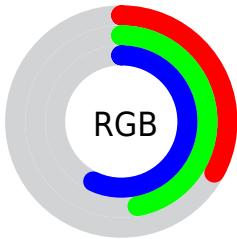
Format	Color
R_{YB}	85, 108, 145
Decimal	5601681
CIE _{Lab}	49.07, -6.16, -17.03
CIE _{LCh}	49, 18.112, 250.109
Yxy	17.6510, 0.2503, 0.2815
Android (android.graphics.Color)	4283791761 (0xFF557991)
YUV	112.9720, 15.7898, -24.5314
Hunter-Lab	42.0123, -6.8395, -12.0366

Details

The HunterLab color $42.0123, -6.8395, -12.0366$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $41.9681, 6.4557, 13.8313$, and the grayscale version is $40.5758, -2.1650, 2.2046$.

A 20% lighter version of the original color is $62.7129, -8.5075, -12.5893$, and $24.3544, -5.1840, -11.4403$ is the 20% darker color. If you saturate the color by 10%, you get $39.5889, -6.9375, -15.8462$, and if you desaturate by 10%, it is $44.5567, -6.3633, -8.3020$.

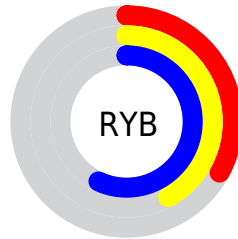
Distribution



Red (33%)

Green (47%)

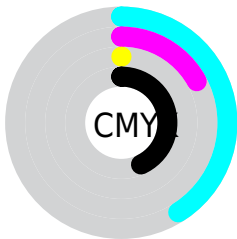
Blue (57%)



Red (33%)

Yellow (42%)

Blue (57%)

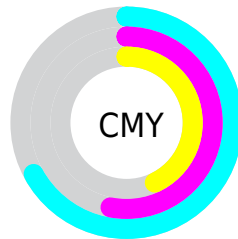


Cyan (41%)

Magenta (17%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0123, -6.8395, -12.0366 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 42.0123, -6.8395, -12.0366 by changing the saturation by 10% instead.

■ 42.0123, -6.8395,
-12.0366

■ 42.0123, -6.8395,
-12.0366

154.5628,
-15.4416, -11.8964

■ 32.7104, -5.9581,
-11.7436

■ 62.8027, -8.6366,
-12.4089

■ 24.2184, -5.0810,
-11.3800

■ 74.1957, -9.5569,
-12.4975

■ 16.6233, -4.1984,
-10.9578

■ 86.2048, -10.4936,
-12.5262

■ 10.0472, -3.2997,
-10.5384

■ 98.7999, -11.4476,
-12.4992

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 111.9549,
-12.4191, -12.4197

0.0000, NaN, NaN

125.6469,

0.0000, NaN, NaN

-13.4086, -12.2910

0.0000, NaN, NaN

139.8555,
-14.4161, -12.1157

■ 42.0123, -6.8395,
-12.0366

■ 42.0123, -6.8395,
-12.0366

■ 39.5889, -6.9375,
-15.8462

■ 44.5567, -6.3633,
-8.3020

■ 37.2941, -6.6157,
-19.7233

■ 47.2103, -5.5480,
-4.6489

■ 35.1382, -5.8367,
-23.6510

■ 49.9650, -4.4319,
-1.0772

■ 33.1298, -4.5715,
-27.6066

■ 52.8127, -3.0490,
2.4158

■ 31.2745, -2.8091,
-31.5630

■ 55.7461, -1.4298,
5.8341

■ 29.7675, -1.0079,
-35.0311

■ 58.7585, 0.3988,
9.1831

■ 61.8441, 2.4135,
12.4683

■ 64.9976, 4.5942,
15.6957

■ 68.2143, 6.9233,
18.8709

Harmonies

Analogous

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



42.0131, -12.2924, -7.0868



42.0123, -6.8395, -12.0366



42.0131, 0.2074, -12.8097

Triad

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



42.0131, -6.8398, -12.0358



42.0131, 12.2334, 4.5279



42.0131, -10.7754, 11.1443

Complementary

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



42.0123, -6.8395, -12.0366



41.9681, 6.4557, 13.8313

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.



42.0131, -4.6404, 13.2726



42.0123, -6.8395, -12.0366



42.0131, 8.8477, 9.9001

Square

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



42.0131, -6.8398, -12.0358



42.0131, 11.5458, -2.4325



42.0131, 2.5583, 12.8590



42.0131, -14.4567, 6.5153

Rectangle

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



42.0123, -6.8395, -12.0366



42.0131, 4.9102, -10.7379



42.0131, 2.5583, 12.8590



42.0131, -8.9493, 12.1375

Sweetspot

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



42.0131, -6.8398, -12.0358



66.5376, -6.0760, -1.8542



48.2340, -23.0557, 11.8779



31.1863, -2.9515, -1.1243



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



42.0131, -6.8398, -12.0358



53.0849, -9.2883, -21.0332



34.1035, 6.7120, -25.4405



23.9983, -1.9678, -0.1414



27.6622, -1.0902, -32.2219



3.4119, -1.1715, -1.7356

Inverse Universe

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



37.2797, 22.7530, -5.4004



45.9145, 38.3345, -8.8225



49.8527, -7.0180, 20.3742



23.3987, 1.2855, 0.3615



23.9975, 43.5777, -3.7276



2.4377, 4.5873, -1.6234

Previews

White Background



This preview shows how the HunterLab color 42.0123, -6.8395, -12.0366 looks on a white background.

Color Contrast Check

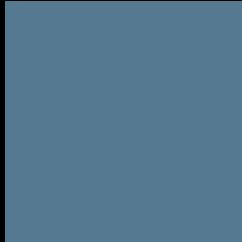
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0123, -6.8395, -12.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

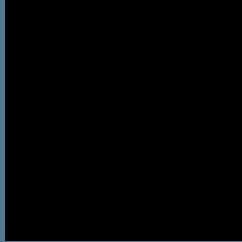
Any Text WCAG AA ✓ Pass

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 42.0123, -6.8395, -12.0366 Background



This preview shows how black text looks on a background with the HunterLab color 42.0123, -6.8395, -12.0366.



This preview shows how white text looks on a background with the HunterLab color 42.0123, -6.8395, -12.0366.

-12.0366.

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

42.0123, -6.8395, -12.0366

Protanopia

41.9095, 1.1684, -9.8049

Deuteranopia

41.9356, 3.0848, -13.1326



Tritanopia

42.0157, -10.6669, -5.6104

Trichromacy



Original Color

42.0123, -6.8395, -12.0366

Protanomaly

41.8334, -1.8516, -10.5249

Deuteranomaly

41.9794, -1.0547, -12.5589

Tritanomaly

41.9097, -9.2749, -7.8196

Monochromacy



Original Color

42.0123, -6.8395, -12.0366

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.0549, -4.2780, -2.7968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0123, -6.8395, -12.0366 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(85, 121, 145)` looks like.

```
.text, #text, p{  
    color:rgb(85, 121, 145)  
}
```

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(85, 121, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 121, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0123, -6.8395, -12.0366 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(85, 121, 145) }
```


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

```
.border{ border-color:rgb(85, 121, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 121, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 121, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 121, 145);  
box-shadow:4px 4px 4px 4px rgb(85, 121,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0123, -6.8395, -12.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 121, 145) }
```

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

```
.background{ background-color: rgb(85, 121,  
145) }
```

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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