

Converting Colors

HunterLab(47.4989, -2.4235,
-42.3284)

Have a look what the booklet for
HunterLab(47.4989, -2.4235,
-42.3284) contains.

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Color

HunterLab(47.3307, -2.3157,
-42.4369)

Conversions

Conversions Part 1

Format	Color
Hex	3D86CC
RGB	61, 134, 204
RGB Percent	24%, 53%, 80%
CMY	0.7607, 0.4745, 0.2000
CMYK	0.70, 0.34, 0.00, 0.20
HSL	209°, 58%, 52%
HSV	209°, 70%, 80%
XYZ	21.3487, 22.4020, 60.3256
YIQ	120.1530, -65.9780, 6.2940

Conversions

Conversions Part 2

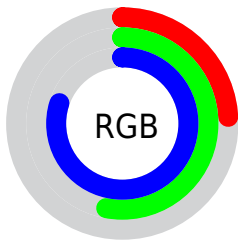
Format	Color
R_{YB}	61, 109, 204
Decimal	4032204
CIE _{Lab}	54.45, 0.27, -42.80
CIE _{LCh}	54, 42.797, 270.359
Yxy	22.4027, 0.2051, 0.2152
Android (android.graphics.Color)	4282222284 (0xFF3D86CC)
YUV	120.1530, 41.3366, -51.8772
Hunter-Lab	47.3307, -2.3157, -42.4369

Details

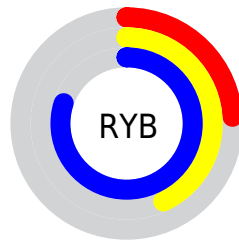
The HunterLab color **47.3307, -2.3157, -42.4369** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **54.2304, 16.5541, 28.8781**, and the grayscale version is **43.2622, -2.3084, 2.3505**.

A 20% lighter version of the original color is **68.5899, -5.1808, -39.6061**, and **29.4396, 1.0691, -39.1049** is the 20% darker color. If you saturate the color by 10%, you get **43.8659, 0.5810, -50.1742**, and if you desaturate by 10%, it is **51.0588, -4.4039, -34.9516**.

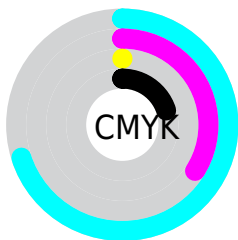
Distribution



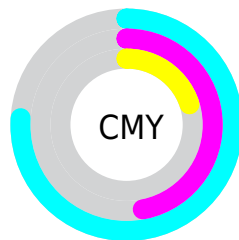
- Red (24%)
- Green (53%)
- Blue (80%)



- Red (24%)
- Yellow (43%)
- Blue (80%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3307, -2.3157, -42.4369 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 47.3307, -2.3157, -42.4369 by changing the saturation by 10% instead.

■ 47.3307, -2.3157,
-42.4369

■ 47.3307, -2.3157,
-42.4369

■ 162.6782, -8.3677,
-47.8140

■ 37.6206, -1.8122,
-41.8347

■ 68.8554, -3.4365,
-43.8082

■ 28.6831, -1.3518,
-41.4213

■ 80.5840, -4.0500,
-44.4930

■ 20.5929, -0.9385,
-41.4403

■ 92.9119, -4.6961,
-45.1502

■ 13.4502, -0.5783,
-42.5119

■ 105.8114, -5.3733,
-45.7706

■ 7.0202, -0.2086,
-49.7570

■ 119.2580, -6.0802,
-46.3491

0.0000, NaN, -NF

0.0000, NaN, -NF

133.2304, -6.8156,

-46.8831

0.0000, NaN, NaN

147.7096, -7.5784,
-47.3714

0.0000, NaN, NaN

■ 47.3307, -2.3157,
-42.4369

■ 47.3307, -2.3157,
-42.4369

■ 43.8659, 0.5810,
-50.1742

■ 51.0588, -4.4039,
-34.9516

■ 40.6837, 4.3233,
-58.1090

■ 55.0238, -5.7550,
-27.7519

■ 37.7989, 8.7632,
-66.1627

■ 59.2027, -6.4489,
-20.8440

■ 63.5739, -6.5662,
-14.2188

■ 68.1182, -6.1812,
-7.8576

■ 72.8187, -5.3597,
-1.7371

■ 77.6607, -4.1591,
4.1676

■ 82.6317, -2.6282,
9.8812

■ 87.7206, -0.8086,
15.4268

Harmonies

Analogous

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



47.3315, -18.1762, -34.9682



47.3307, -2.3157, -42.4369



47.3315, 15.8830, -34.6236

Triad

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



47.3315, -2.3152, -42.4358



47.3315, 30.4753, 16.1657



47.3315, -28.5699, 15.9279

Complementary

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



47.3307, -2.3157, -42.4369



54.2304, 16.5541, 28.8781

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.



47.3315, -18.4945, 22.8310



47.3307, -2.3157, -42.4369



47.3315, 15.4609, 22.9287

Square

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



47.3315, -2.3152, -42.4358



47.3315, 36.4326, 2.7782



47.3315, -2.7405, 24.8305



47.3315, -31.9192, 2.3736

Rectangle

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



47.3307, -2.3157, -42.4369



47.3315, 26.5568, -23.0073



47.3315, -2.7405, 24.8305



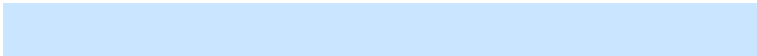
47.3315, -25.9380, 18.8968

Sweetspot

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



47.3315, -2.3152, -42.4358



86.9597, -8.0437, -11.0611



67.6709, -45.7390, 22.3566



39.4681, -3.8045, -6.1665

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3315, -2.3152, -42.4358



54.3556, 3.0196, -69.6497



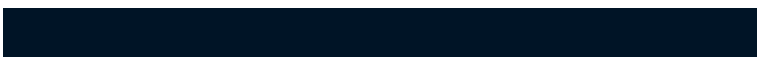
29.9177, 34.8933, -94.1670



34.3147, -2.4803, -0.6184



30.2981, 6.3519, -51.5818



7.9075, -0.3897, -9.0425

Inverse Universe

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



42.3051, 56.2362, -4.5575



50.0386, 82.0280, -1.9902



74.3212, -17.7194, 41.9631



33.6269, 1.9183, 0.8112



29.5460, 52.7974, 2.0469



6.8240, 12.4019, -1.1375

Previews

White Background



This preview shows how the HunterLab color 47.3307, -2.3157, -42.4369 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 47.3307, -2.3157, -42.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

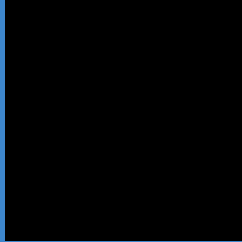
Any Text WCAG AA ✓ Pass

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 47.3307, -2.3157, -42.4369 Background



This preview shows how black text looks on a background with the HunterLab color 47.3307, -2.3157, -42.4369.



This preview shows how white text looks on a background with the HunterLab color 47.3307, -2.3157, -42.4369.

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

47.3307, -2.3157, -42.4369

Protanopia

47.1158, 6.5450, -38.0836

Deuteranopia

47.3791, 3.8390, -43.0157



Tritanopia

47.3726, -22.0900, -10.0074

Trichromacy



Original Color

47.3307, -2.3157, -42.4369

Protanomaly

47.1276, 2.4917, -39.6622

Deuteranomaly

47.1806, 1.7177, -43.4792

Tritanomaly

47.0249, -15.5600, -21.1427

Monochromacy



Original Color

47.3307, -2.3157, -42.4369

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.2202, -4.4633, -12.0857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3307, -2.3157, -42.4369 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(61, 134, 204)` looks like.

```
.text, #text, p{  
    color:rgb(61, 134, 204)  
}
```

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(61, 134, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 134, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3307, -2.3157, -42.4369 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(61, 134, 204) }
```


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

```
.border{ border-color:rgb(61, 134, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 134, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 134, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 134, 204);  
box-shadow:4px 4px 4px 4px rgb(61, 134,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3307, -2.3157, -42.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 134, 204) }
```

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

```
.background{ background-color: rgb(61, 134,  
204) }
```

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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