

Converting Colors

HunterLab(37.9817, -2.7141,
-30.7702)

Have a look what the booklet for
HunterLab(37.9817, -2.7141,
-30.7702) contains.

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Color

**HunterLab(37.8308, -2.5262,
-31.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	346DA3
RGB	52, 109, 163
RGB Percent	20%, 43%, 64%
CMY	0.7961, 0.5725, 0.3608
CMYK	0.68, 0.33, 0.00, 0.36
HSL	209°, 52%, 42%
HSV	209°, 68%, 64%
XYZ	13.4957, 14.3117, 36.7015
YIQ	98.1130, -51.3060, 4.7100

Conversions

Conversions Part 2

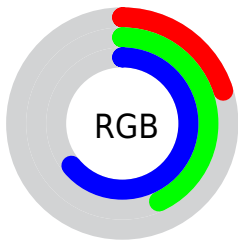
Format	Color
R_{YB}	52, 90, 163
Decimal	3435939
CIE _{Lab}	44.68, -0.69, -34.57
CIE _{LCh}	45, 34.580, 268.860
Yxy	14.3122, 0.2092, 0.2219
Android (android.graphics.Color)	4281626019 (0xFF346DA3)
YUV	98.1130, 31.9893, -40.4411
Hunter-Lab	37.8308, -2.5262, -31.0385




Details

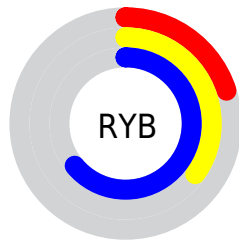
The HunterLab color $37.8308, -2.5262, -31.0385$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.8297, 12.0647, 22.1042$, and the grayscale version is $34.8895, -1.8616, 1.8956$.




A 20% lighter version of the original color is $57.8952, -3.7159, -32.3179$, and $21.4312, 0.7411, -28.3869$ is the 20% darker color. If you saturate the color by 10%, you get $35.1218, -0.5318, -36.8621$, and if you desaturate by 10%, it is $40.7320, -3.9270, -25.4077$.

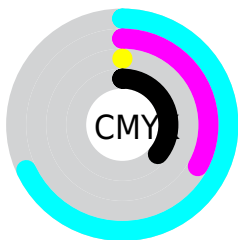
Distribution







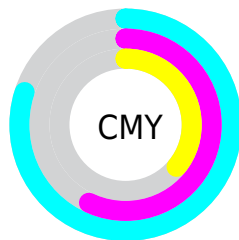
-  Red (20%)
-  Green (43%)
-  Blue (64%)






-  Red (20%)
-  Yellow (35%)
-  Blue (64%)



-  Cyan (68%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (80%)
-  Magenta (57%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8308, -2.5262, -31.0385 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 37.8308, -2.5262, -31.0385 by changing the saturation by 10% instead.

■ 37.8308, -2.5262,
-31.0385

■ 37.8308, -2.5262,
-31.0385

■ 148.0420, -8.7045,
-35.4013

■ 28.8758, -2.0038,
-30.4675

■ 58.0017, -3.6809,
-32.2776

■ 20.7655, -1.5222,
-30.0741

■ 69.1132, -4.3096,
-32.8663

■ 13.6000, -1.0847,
-30.1824

■ 80.8557, -4.9701,
-33.4130

■ 7.1959, -0.8010,
-33.7975

■ 93.1968, -5.6609,
-33.9117

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.1089, -6.3808,
-34.3599

0.0000, NaN, NaN

119.5676, -7.1287,

0.0000, NaN, NaN

-34.7572

0.0000, NaN, NaN

133.5516, -7.9036,
-35.1039

■ 37.8308, -2.5262,
-31.0385

■ 37.8308, -2.5262,
-31.0385

■ 35.1218, -0.5318,
-36.8621

■ 40.7320, -3.9270,
-25.4077

■ 32.6197, 2.0926,
-42.8447

■ 43.8058, -4.7900,
-19.9896

■ 30.3228, 5.3011,
-48.9747

■ 47.0359, -5.1748,
-14.7854

■ 29.8974, 5.9390,
-50.1897

■ 50.4067, -5.1398,
-9.7867

■ 53.9047, -4.7384,
-4.9795

■ 57.5176, -4.0178,
-0.3466

■ 61.2352, -3.0191,
4.1300

■ 65.0482, -1.7771,
8.4680

■ 68.9488, -0.3218,
12.6838

Harmonies

Analogous

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



37.8314, -14.3065, -25.0866



37.8308, -2.5262, -31.0385



37.8314, 11.0684, -25.8838

Triad

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



37.8314, -2.5259, -31.0376



37.8314, 22.9578, 11.9829



37.8314, -21.4380, 12.5645

Complementary

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



37.8308, -2.5262, -31.0385



42.8297, 12.0647, 22.1042

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.



37.8314, -13.5413, 17.7220



37.8308, -2.5262, -31.0385



37.8314, 12.0657, 17.4765

Square

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



37.8314, -2.5259, -31.0376



37.8314, 26.9461, 1.5742



37.8314, -1.5127, 19.1522



37.8314, -24.2579, 2.5380

Rectangle

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



37.8308, -2.5262, -31.0385



37.8314, 19.1250, -17.5901



37.8314, -1.5127, 19.1522



37.8314, -19.3479, 14.7788

Sweetspot

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



37.8314, -2.5259, -31.0376



71.0580, -6.5032, -8.1072



52.8756, -34.8141, 16.7880



33.0789, -3.1583, -4.6536



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



37.8314, -2.5259, -31.0376



45.1489, 1.0880, -53.6533



24.4941, 25.1998, -68.3405



27.2639, -1.9664, -0.4211



26.5294, 4.9066, -43.7515



4.9210, -1.0869, -3.8044

Inverse Universe

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



33.6858, 42.2234, -3.9694



41.0797, 65.3826, -2.6279



57.9457, -13.6251, 32.1424



26.7280, 1.4339, 0.6598



25.6020, 45.8090, 1.3129



3.8372, 7.0948, -1.5782

Previews

White Background



This preview shows how the HunterLab color 37.8308, -2.5262, -31.0385 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 37.8308, -2.5262, -31.0385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

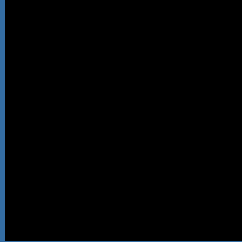
Any Text WCAG AA × Fail

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 37.8308, -2.5262, -31.0385 Background



This preview shows how black text looks on a background with the HunterLab color 37.8308, -2.5262, -31.0385.



This preview shows how white text looks on a background with the HunterLab color 37.8308, -2.5262, -31.0385.

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

37.8308, -2.5262, -31.0385

Protanopia

37.6132, 4.6954, -27.7307

Deuteranopia

37.7350, 2.9154, -31.8811



Tritanopia

37.7051, -16.5727, -8.0948

Trichromacy



Original Color

37.8308, -2.5262, -31.0385

Protanomaly

37.5461, 1.9023, -29.3491

Deuteranomaly

37.6120, 1.1028, -32.1691

Tritanomaly

37.4589, -11.9038, -15.7881

Monochromacy



Original Color

37.8308, -2.5262, -31.0385

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.5770, -3.7703, -8.8283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8308, -2.5262, -31.0385 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(52, 109, 163)` looks like.

```
.text, #text, p{  
    color:rgb(52, 109, 163)  
}
```

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(52, 109, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 109, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8308, -2.5262, -31.0385 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(52, 109, 163) }
```


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

```
.border{ border-color:rgb(52, 109, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 109, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 109, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 109, 163);  
box-shadow:4px 4px 4px 4px rgb(52, 109,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8308, -2.5262, -31.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 109, 163) }
```

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

```
.background{ background-color: rgb(52, 109,  
163) }
```

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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