

Converting Colors

HunterLab(31.7336, -3.5459,
-23.3341)

Have a look what the booklet for
HunterLab(31.7336, -3.5459,
-23.3341) contains.

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Color

**HunterLab(31.7336, -3.5459,
-23.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5D87
RGB	42, 93, 135
RGB Percent	16%, 36%, 53%
CMY	0.8353, 0.6353, 0.4706
CMYK	0.69, 0.31, 0.00, 0.47
HSL	207°, 53%, 35%
HSV	207°, 69%, 53%
XYZ	9.2424, 10.0702, 24.3783
YIQ	82.5390, -43.8780, 2.2500

Conversions

Conversions Part 2

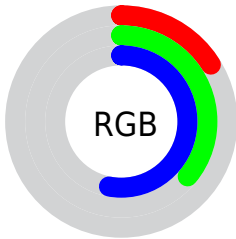
Format	Color
R_{YB}	42, 75, 135
Decimal	2776455
CIE _{Lab}	37.97, -2.70, -28.40
CIE _{LCh}	38, 28.523, 264.575
Yxy	10.0706, 0.2115, 0.2305
Android (android.graphics.Color)	4280966535 (0xFF2A5D87)
YUV	82.5390, 25.8633, -35.5527
Hunter-Lab	31.7336, -3.5459, -23.3341




Details

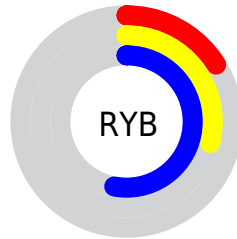
The HunterLab color **31.7336, -3.5459, -23.3341** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.1461, 11.2369, 17.4330**, and the grayscale version is **29.1647, -1.5562, 1.5846**.




A 20% lighter version of the original color is **50.9075, -4.7784, -24.7863**, and **16.3979, 0.2180, -20.9665** is the 20% darker color. If you saturate the color by 10%, you get **29.6719, -2.1965, -27.5569**, and if you desaturate by 10%, it is **33.9384, -4.4420, -19.2093**.

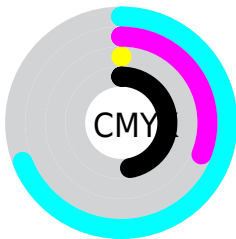
Distribution







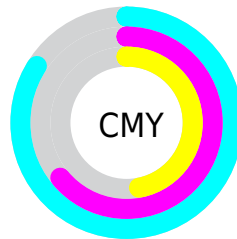
-  Red (16%)
-  Green (36%)
-  Blue (53%)






-  Red (16%)
-  Yellow (29%)
-  Blue (53%)



-  Cyan (69%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7336, -3.5459, -23.3341 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 31.7336, -3.5459, -23.3341 by changing the saturation by 10% instead.

■ 31.7336, -3.5459,
-23.3341

■ 31.7336, -3.5459,
-23.3341

138.2660,
-10.4297, -26.7443

■ 23.3362, -2.9125,
-22.7910

■ 50.9197, -4.8932,
-24.4370

■ 15.8465, -2.3046,
-22.3970

■ 61.5871, -5.6075,
-24.9303

■ 9.3925, -1.7527,
-22.5429

■ 72.9102, -6.3484,
-25.3703

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.8530, -7.1152,
-25.7542

0.0000, NaN, NaN

■ 97.3849, -7.9074,
-26.0821

0.0000, NaN, NaN

■ 110.4794, -8.7242,

0.0000, NaN, NaN

-26.3553

0.0000, NaN, NaN

124.1133, -9.5652,
-26.5753

■ 31.7336, -3.5459,
-23.3341

■ 31.7336, -3.5459,
-23.3341

■ 29.6719, -2.1965,
-27.5569

■ 33.9384, -4.4420,
-19.2093

■ 27.7617, -0.3703,
-31.8535

■ 36.2735, -4.9226,
-15.2010

■ 25.9845, 1.8478,
-36.2581

■ 38.7281, -5.0292,
-11.3158

■ 25.7893, 2.1009,
-36.7697

■ 41.2915, -4.8034,
-7.5537

■ 43.9540, -4.2844,
-3.9103

■ 46.7069, -3.5076,
-0.3781

■ 49.5423, -2.5041,
3.0520

■ 52.4535, -1.3011,
6.3894

■ 55.4344, 0.0782,
9.6437

Harmonies

Analogous

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



31.7341, -12.3779, -17.7786



31.7336, -3.5459, -23.3341



31.7341, 6.9687, -20.6256

Triad

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



31.7341, -3.5457, -23.3334



31.7341, 18.3987, 8.6061



31.7341, -16.2745, 10.8221

Complementary

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



31.7336, -3.5459, -23.3341



34.1461, 11.2369, 17.4330

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.



31.7341, -9.5186, 14.5281



31.7336, -3.5459, -23.3341



31.7341, 10.6197, 13.5639

Square

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



31.7341, -3.5457, -23.3334



31.7341, 20.5255, -0.1058



31.7341, 0.1992, 15.3414



31.7341, -19.1022, 3.4574

Rectangle

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



31.7336, -3.5459, -23.3341



31.7341, 13.4353, -14.8362



31.7341, 0.1992, 15.3414



31.7341, -14.4329, 12.4303

Sweetspot

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



31.7341, -3.5457, -23.3334



57.8863, -5.9479, -6.4786



42.9631, -28.5959, 14.4396



27.4473, -2.9472, -3.6738



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



31.7341, -3.5457, -23.3334



38.1550, -1.5571, -40.3024



20.6088, 18.7704, -52.9171



22.2177, -1.6804, -0.2176



24.8189, 1.9202, -35.1667



1.8959, -0.5734, -1.1318

Inverse Universe

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



27.5637, 34.6276, -4.6855



33.5768, 53.7807, -4.4148



46.2352, -9.7235, 25.5100



21.7446, 1.1155, 0.4735



22.8227, 41.0957, -0.8420



1.3971, 2.6119, -0.7974

Previews

White Background



This preview shows how the HunterLab color 31.7336, -3.5459, -23.3341 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 31.7336, -3.5459, -23.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

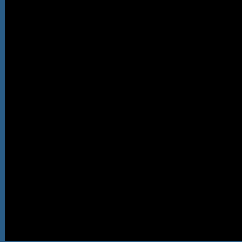
Any Text WCAG AA × Fail

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 31.7336, -3.5459, -23.3341 Background



This preview shows how black text looks on a background with the HunterLab color 31.7336, -3.5459, -23.3341.



This preview shows how white text looks on a background with the HunterLab color 31.7336, -3.5459, -23.3341.

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

31.7336, -3.5459, -23.3341

Protanopia

31.7601, 2.9867, -19.8027

Deuteranopia

31.7499, 2.1373, -23.8951



Tritanopia

31.8507, -14.1272, -6.5144

Trichromacy



Original Color

31.7336, -3.5459, -23.3341

Protanomaly

31.6781, 0.1840, -21.3344

Deuteranomaly

31.5591, 0.1299, -24.3108

Tritanomaly

31.7726, -10.7009, -12.0146

Monochromacy



Original Color

31.7336, -3.5459, -23.3341

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.0077, -3.7934, -6.4126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7336, -3.5459, -23.3341 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(42, 93, 135)` looks like.

```
.text, #text, p{  
    color:rgb(42, 93, 135)  
}
```

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(42, 93, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 93, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7336, -3.5459, -23.3341 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(42, 93, 135) }
```


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

```
.border{ border-color:rgb(42, 93, 135) }
```

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

Here you see how a box with a 4 pixel rgb(42, 93, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 93, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 93, 135);  
box-shadow:4px 4px 4px 4px rgb(42, 93,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7336, -3.5459, -23.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 93, 135) }
```

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

```
.background{ background-color: rgb(42, 93,  
135) }
```

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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