

Converting Colors

HunterLab(30.7687, 2.2615,
-36.1820)

Have a look what the booklet for
HunterLab(30.7687, 2.2615,
-36.1820) contains.

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Color

**HunterLab(30.6262, 2.3328,
-36.1331)**

Conversions

Conversions Part 1

Format	Color
Hex	255795
RGB	37, 87, 149
RGB Percent	15%, 34%, 58%
CMY	0.8549, 0.6588, 0.4157
CMYK	0.75, 0.42, 0.00, 0.42
HSL	213°, 60%, 36%
HSV	213°, 75%, 58%
XYZ	9.5960, 9.3796, 29.7385
YIQ	79.1180, -49.7020, 8.6820

Conversions

Conversions Part 2

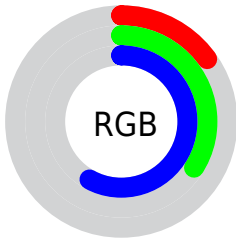
Format	Color
R_{YB}	37, 72, 149
Decimal	2447253
CIE _{Lab}	36.71, 5.64, -38.89
CIE _{LCh}	37, 39.298, 278.256
Yxy	9.3799, 0.1970, 0.1925
Android (android.graphics.Color)	4280637333 (0xFF255795)
YUV	79.1180, 34.4518, -36.9375
Hunter-Lab	30.6262, 2.3328, -36.1331

Details

The HunterLab color **30.6262, 2.3328, -36.1331** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.3045, 9.2903, 21.7406**, and the grayscale version is **27.8982, -1.4886, 1.5158**.

A 20% lighter version of the original color is **49.5627, 2.3672, -37.7568**, and **16.1542, 5.6360, -32.3578** is the 20% darker color. If you saturate the color by 10%, you get **28.1034, 5.0375, -42.5821**, and if you desaturate by 10%, it is **33.3572, 0.2257, -29.9808**.

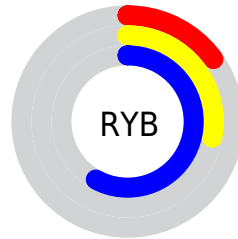
Distribution



Red (15%)

Green (34%)

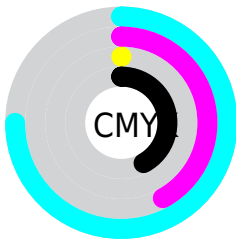
Blue (58%)



Red (15%)

Yellow (28%)

Blue (58%)

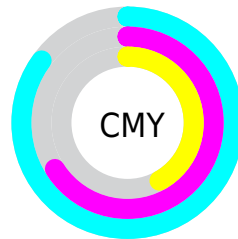


Cyan (75%)

Magenta (42%)

Yellow (0%)

Black (42%)



Cyan (85%)

Magenta (66%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6262, 2.3328, -36.1331 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 30.6262, 2.3328, -36.1331 by changing the saturation by 10% instead.

■ 30.6262, 2.3328,
-36.1331

■ 30.6262, 2.3328,
-36.1331

■ 136.4505, -0.8578,
-41.2939

■ 22.3379, 2.4004,
-35.8290

■ 49.6211, 1.9800,
-37.3208

■ 14.9709, 2.3744,
-36.1445

■ 60.2028, 1.7123,
-37.9838

■ 8.6161, 2.3937,
-38.4805

■ 71.4452, 1.3923,
-38.6343

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.3115, 1.0248,
-39.2541

0.0000, NaN, NaN

■ 95.7706, 0.6132,
-39.8336

0.0000, NaN, NaN

■ 108.7954, 0.1606,

0.0000, NaN, NaN

-40.3679

0.0000, NaN, NaN

122.3623, -0.3304,
-40.8549

■ 30.6262, 2.3328,
-36.1331

■ 30.6262, 2.3328,
-36.1331

■ 28.1034, 5.0375,
-42.5821

■ 33.3572, 0.2257,
-29.9808

■ 25.8070, 8.3515,
-49.2770

■ 36.2718, -1.3385,
-24.1513

■ 24.7519, 10.0726,
-52.6816

■ 39.3489, -2.4234,
-18.6395

■ 42.5697, -3.0925,
-13.4250

■ 45.9182, -3.4040,
-8.4793

■ 49.3805, -3.4086,
-3.7717

■ 52.9451, -3.1497,
0.7279

■ 56.6023, -2.6638,
5.0473

■ 60.3438, -1.9812,
9.2114

Harmonies

Analogous

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



30.6267, -10.9987, -33.0110



30.6262, 2.3328, -36.1331



30.6267, 16.9125, -26.0899

Triad

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



30.6267, 2.3333, -36.1323



30.6267, 22.5450, 13.6764



30.6267, -22.8735, 9.7286

Complementary

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



30.6262, 2.3328, -36.1331



39.3045, 9.2903, 21.7406

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.



30.6267, -16.6076, 15.7438



30.6262, 2.3328, -36.1331



30.6267, 9.0074, 17.2040

Square

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



30.6267, 2.3333, -36.1323



30.6267, 29.8788, 5.1266



30.6267, -5.4126, 17.7380



30.6267, -24.0138, -2.2499

Rectangle

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



30.6262, 2.3328, -36.1331



30.6267, 24.8343, -15.1320



30.6267, -5.4126, 17.7380



30.6267, -21.3592, 12.3250

Sweetspot

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



30.6267, 2.3333, -36.1323



62.2245, -4.5836, -10.2577



47.7303, -32.1287, 14.3085



28.5852, -2.1268, -5.8296



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



30.6267, 2.3333, -36.1323



35.5277, 9.6135, -62.9191



19.9969, 28.0846, -71.4922



24.5636, -1.5662, -0.5077



22.8342, 8.9728, -47.9106



3.4813, -0.6930, -2.8554

Inverse Universe

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



28.9852, 40.2756, 0.1211



35.7619, 60.2290, 4.2436



52.4444, -15.2688, 30.0692



24.1988, 1.1870, 0.7935



23.9159, 42.3867, 4.3693



2.7532, 5.0773, -1.0304

Previews

White Background



This preview shows how the HunterLab color 30.6262, 2.3328, -36.1331 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.6262, 2.3328, -36.1331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

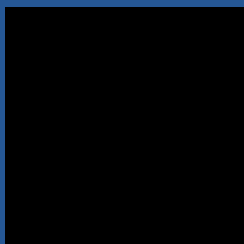
Any Text WCAG AA × Fail

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 30.6262, 2.3328, -36.1331 Background



This preview shows how black text looks on a background with the HunterLab color 30.6262, 2.3328, -36.1331.



This preview shows how white text looks on a background with the HunterLab color 30.6262, 2.3328, -36.1331.

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

30.6262, 2.3328, -36.1331

Protanopia

30.5709, 5.8374, -33.8012

Deuteranopia

30.5964, 2.2329, -36.2068



Tritanopia

30.5696, -14.7772, -6.3095

Trichromacy



Original Color

30.6262, 2.3328, -36.1331

Protanomaly

30.5080, 4.4192, -34.7695

Deuteranomaly

30.5964, 2.2329, -36.2068

Tritanomaly

30.4472, -9.4861, -16.0069

Monochromacy



Original Color

30.6262, 2.3328, -36.1331

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5027, -2.0943, -9.7166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6262, 2.3328, -36.1331 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(37, 87, 149)` looks like.

```
.text, #text, p{  
    color:rgb(37, 87, 149)  
}
```

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(37, 87, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 87, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6262, 2.3328, -36.1331 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(37, 87, 149) }
```


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

```
.border{ border-color:rgb(37, 87, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 87, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 87, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 87, 149);  
box-shadow:4px 4px 4px 4px rgb(37, 87,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6262, 2.3328, -36.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 87, 149) }
```

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

```
.background{ background-color: rgb(37, 87,  
149) }
```

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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