

Converting Colors

HunterLab(36.5300, 20.3793,
-87.0312)

Have a look what the booklet for
HunterLab(36.5300, 20.3793,
-87.0312) contains.

HunterLab(36.5285, 20.3781, -87.0361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.5285, 20.3781,
-87.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	165EDC
RGB	22, 94, 220
RGB Percent	9%, 37%, 86%
CMY	0.9136, 0.6314, 0.1373
CMYK	0.90, 0.57, 0.00, 0.14
HSL	218°, 82%, 47%
HSV	218°, 90%, 86%
XYZ	17.2519, 13.3433, 69.3765
YIQ	86.8360, -83.3580, 23.9220

Conversions

Conversions Part 2

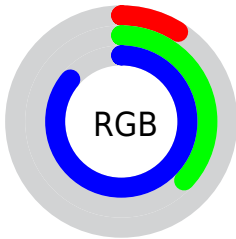
Format	Color
R_{YB}	22, 75, 220
Decimal	1466076
CIE _{Lab}	43.28, 27.60, -69.90
CIE _{LCh}	43, 75.151, 291.546
Yxy	13.3436, 0.1726, 0.1335
Android (android.graphics.Color)	4279656156 (0xFF165EDC)
YUV	86.8360, 65.6499, -56.8612
Hunter-Lab	36.5285, 20.3781, -87.0361

Details

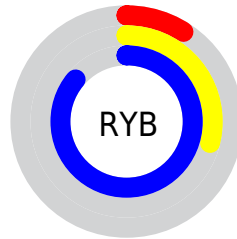
The HunterLab color **36.5285, 20.3781, -87.0361** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **60.3853, 13.3218, 36.6955**, and the grayscale version is **30.6042, -1.6330, 1.6628**.

A 20% lighter version of the original color is **55.1523, 14.5922, -67.4655**, and **22.0838, 24.3925, -80.2593** is the 20% darker color. If you saturate the color by 10%, you get **33.0219, 27.5494, -100.7423**, and if you desaturate by 10%, it is **40.5328, 14.1551, -73.8209**.

Distribution



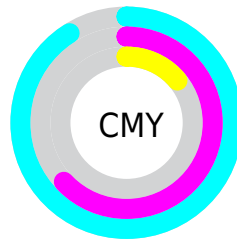
- Red (9%)
- Green (37%)
- Blue (86%)



- Red (9%)
- Yellow (29%)
- Blue (86%)



- Cyan (90%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5285, 20.3781, -87.0361 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 36.5285, 20.3781, -87.0361 by changing the saturation by 10% instead.

■ 36.5285, 20.3781,
-87.0361

■ 36.5285, 20.3781,
-87.0361

■ 145.9823, 25.4603,
-91.5797

■ 27.6868, 19.3148,
-88.8590

■ 56.4976, 22.1345,
-86.3749

■ 19.7021, 18.1056,
-92.9567

■ 67.5179, 22.8508,
-86.7530

■ 12.6792, 16.7489,
-102.1393

■ 79.1740, 23.4744,
-87.3608

■ 6.0227, 20.0216,
-142.7699

■ 91.4330, 24.0139,
-88.1068

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.2666, 24.4765,
-88.9333

0.0000, NaN, -NF

117.6501, 24.8684,

0.0000, NaN, -NF

-89.8030

0.0000, NaN, NaN

131.5618, 25.1948,
-90.6908

■ 36.5285, 20.3781,
-87.0361

■ 36.5285, 20.3781,
-87.0361

■ 33.0219, 27.5494,
-100.7423

■ 40.5328, 14.1551,
-73.8209

■ 33.0172, 27.5600,
-100.7626

■ 44.9965, 9.0348,
-61.3346

■ 49.8536, 4.9572,
-49.7207

■ 55.0454, 1.7987,
-38.9816

■ 60.5231, -0.5770,
-29.0471

■ 66.2471, -2.2963,
-19.8189

■ 72.1855, -3.4682,
-11.1948

■ 78.3128, -4.1829,
-3.0804

■ 84.6081, -4.5142,
4.6072

Harmonies

Analogous

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



36.5289, -9.6479, -95.9666



36.5285, 20.3781, -87.0361



36.5289, 51.4954, -47.4112

Triad

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



36.5289, 20.3799, -87.0351



36.5289, 38.6569, 23.7707



36.5289, -41.8317, 8.8391

Complementary

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



36.5285, 20.3781, -87.0361



60.3853, 13.3218, 36.6955

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.



36.5289, -35.6692, 21.8007



36.5285, 20.3781, -87.0361



36.5289, 6.4410, 25.5384

Square

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



36.5289, 20.3799, -87.0351



36.5289, 64.0976, 16.3983



36.5289, -19.9432, 25.0352



36.5289, -40.1691, -22.7401

Rectangle

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



36.5285, 20.3781, -87.0361



36.5289, 65.7417, -18.6085



36.5289, -19.9432, 25.0352



36.5289, -40.6977, 14.9197

Sweetspot

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



36.5289, 20.3799, -87.0351



80.2219, -3.1566, -20.5451



73.1281, -51.7593, 21.6371



36.0114, -1.2019, -11.1709

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5289, 20.3799, -87.0351



38.7250, 33.3535, -120.4034



25.2610, 57.8651, -142.3444



36.5900, -1.9587, -1.2298



25.6743, 20.1531, -75.5953



7.6662, 2.5755, -15.1418

Inverse Universe

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



40.7418, 68.1277, 10.8869



46.9521, 82.0788, 17.3790



79.1593, -30.5498, 47.6730



36.2345, 1.8659, 1.5048



30.4782, 53.3736, 10.5564



7.8614, 13.9653, 1.1855

Previews

White Background



This preview shows how the HunterLab color 36.5285, 20.3781, -87.0361 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 36.5285, 20.3781, -87.0361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

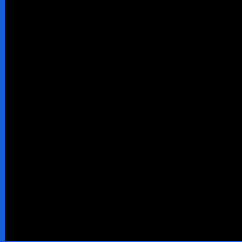
Any Text WCAG AA × Fail

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 36.5285, 20.3781, -87.0361 Background



This preview shows how black text looks on a background with the HunterLab color 36.5285, 20.3781, -87.0361.



This preview shows how white text looks on a background with the HunterLab color 36.5285, 20.3781, -87.0361.

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

36.5285, 20.3781, -87.0361

Protanopia

36.4547, 13.3380, -74.3581

Deuteranopia

36.2146, 0.6327, -46.6310



Tritanopia

36.2854, -17.7729, -6.9871

Trichromacy



Original Color

36.5285, 20.3781, -87.0361

Protanomaly

36.5438, 15.4639, -78.2685

Deuteranomaly

36.0780, 7.5300, -60.5492

Tritanomaly

35.7211, -6.2706, -30.3035

Monochromacy



Original Color

36.5285, 20.3781, -87.0361

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.8094, 0.8938, -23.1076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5285, 20.3781, -87.0361 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(22, 94, 220)` looks like.

```
.text, #text, p{  
    color:rgb(22, 94, 220)  
}
```

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(22, 94, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 94, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5285, 20.3781, -87.0361 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(22, 94, 220) }
```


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

```
.border{ border-color:rgb(22, 94, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 94, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 94, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 94, 220);  
box-shadow:4px 4px 4px 4px rgb(22, 94,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5285, 20.3781, -87.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 94, 220) }
```

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

```
.background{ background-color: rgb(22, 94,  
220) }
```

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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